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CATALOGUE

OF THE

PHOTOGRAPHIC COLLECTION

AT THE

Forest Research Institute

DEHRA DUN, INDIA

(Up to date 1st November 1911)

Compiled in the office of the Sylviculturist

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SUPERINTENDENT GOVERNMENT PRINTING, INDIA
1912

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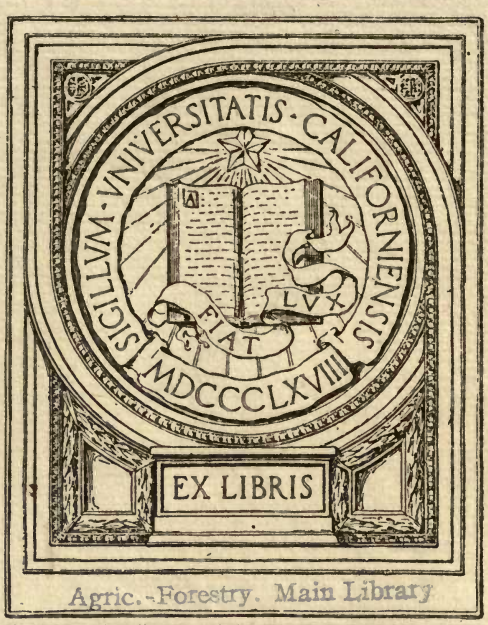

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PREFACE.

THIS is the first printed catalogue that has been prepared for the Photographic collection at the Forest Research Institute, which comprises the old collection of the Imperial Forest School together with additions since the constitution of the Research Institute in 1906. This collection, which is under the charge of the Sylviculturist, consisted on the 1st November 1911 of 1,433 photographs and 795 negatives.

The photographic prints are classified under two separate indices, I.—*General*, II.—*Geographical* (India only), the main sub-heads under each being shown in the Table of Contents below.

Negatives are classified according to size, to facilitate storage, the different sizes being denoted by letters as follows :—

		Number of negatives on 1st November 1911.
P	$4\frac{1}{4}'' \times 3\frac{1}{4}''$ (Quarter plate)	31
Q	$5'' \times 4''$	140
R	$5\frac{1}{2}'' \times 3\frac{1}{4}''$	*Nil.*
S	$6\frac{1}{2}'' \times 4\frac{3}{4}''$ (Half plate)	249
T	$8\frac{1}{2}'' \times 6\frac{1}{2}''$ (Full plate)	210
U	$10'' \times 8''$	91
V	$12'' \times 10''$	74
W	$15'' \times 12''$	*Nil.*
	TOTAL	795

Negatives of dimensions other than the above are classified under the size most convenient for storage purposes.

Officers are invited to add to the collection photographs of trees or any subjects of interest in Forestry : these may be sent in the form of good prints, negatives, or undeveloped plates. Prints and negatives will be returned, if desired, after copies have been taken. Plates will be developed at the Forest Research Institute free of charge, the negatives being returned, if desired, after copies have been taken ; if the negatives are accepted, the cost of the plates will be defrayed, should the return of the negatives not be desired. All prints, negatives, or plates should be accompanied by a brief note as to the subject and the name of the officer taking the photograph, and undeveloped plates should, if possible, be accompanied by a note as to exposure, light, stop, and plate used.

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It is understood that all photographs sent to the Forest Research Institute will, unless the contrary is specially desired, be available for reproduction or publication over the name of the officer taking the photograph, if known. It may be mentioned that some of the photographs in the collection, which have been taken for a special object with a view to publication later, are not available for issue at present: these are marked with an asterisk. *Bonâ fide* enquiries regarding the issue of photographs from the collection will be attended to by the Sylviculturist, to whom any applications on the subject should be addressed: a price list of prints will be found at the end of this catalogue.

The undersigned will be glad to have his attention drawn to any errors or omissions in this catalogue. Where known the photographer's name is entered in each case, but in many cases it is unknown and has therefore had to be omitted.

R. S. TROUP,
Sylviculturist.

DEHRA DUN, U. P., INDIA.
The 1st November 1911.

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UNIV. OF CALIFORNIA

CATALOGUE

OF THE

PHOTOGRAPHIC COLLECTION

AT THE

Forest Research Institute, Dehra Dun, India.

I.—GENERAL INDEX.

A.—Sylviculture, including Types of Trees and Forests.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Abies Pindrow.	*Quercus semecarpifolia* forest with natural undergrowth of Spruce (*Picea Morinda*) and silver fir (*Abies Pindrow*), Jaunsar, United Provinces.		A 44 and 45.	U 28 & 2.	
,,	Mundali forest showing dry Spruce (*Picea Morinda*) and silver fir (*Abies Pindrow*) girdled to make way for Deodar advance growth, Jaunsar, United Provinces.		A 61.	U 84.	
,,	**Abies Pindrow* sown July 1910; seedling about nine months old, F. R. I. Sylvicultural garden, Dehra Dun.	T. B. Chitrakar.	A 284.	S 124.	
,,	* Contour basket planting of silver fir (*Abies Pindrow*) in an opened out mature wood of Spruce with a little silver fir: Kanjatra, Jaunsar, United Provinces.	R. S. Troup.	A 387.	S 14.	
,,	* Dense even-aged pure pole forest of silver fir covering many acres, where there was formerly a large blank in the overwood aspect. N. slope steep, seedbearers scattered but fairly plentiful, near Ringali, Jaunsar, United Provinces.	,,	A 398.	S 44.	

* Not available for issue at present.

A.—Sylviculture.

Abies Pindrow —*concld.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Abies Pindrow —concld.	Spruce and silver fir forest killed prior to felling by villagers intending to till land for temporary cultivation (above Datmir) near entrance to Harki Dun in Tehri State, United Provinces.. Alt. about 9,000′.	E. A. Courthope.	A 425.	S 61.	
„	Mature spruce (*Picea Morinda*) and silver fir (*Abies Pindrow*) forest. Portion above road closed to grazing and portion below road open, Jaunsar, United Provinces.	B. O. Coventry.	A 491.	U 23.	
„	Natural regeneration of silver fir (*Abies Pindrow*), Deoban, Jaunsar, United Provinces.	„	A 492.	U 8.	
„	* Silver fir (*Abies Pindrow*) coming up naturally in *Quercus semecarpifolia* forest, Mohna block, Chakrata Division, United Provinces, 17th September 1911.	R. S. Troup.	A 629.	S 208.	
„	* Forest of silver fir and spruce, with younger silver fir of different ages coming up in a slight opening in the canopy, Kanjatra, Chakrata Division, United Provinces, 19th September 1911.	„	A 630.	S 209.	
Abies Webbiana.	Silver fir forest, Darjeeling.		A 168-69.		
„	Do. do.		A 171.		
„	Do. do.		A 174-75.		
Acacia arabica.	Dead forest of babul (*Acacia arabica*), Bombay.		A 77.	T 48.	
„	*Acacia arabica* tree growing in riverain forests, Bombay.		A 78.	T 44.	
„	A well grown babul (*Acacia arabica*) forest, Bombay.		A 83.	T 51.	
„	A block of young babul (*Acacia arabica*) regeneration, Bombay.		A 84.	T 54.	

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Acacia arabica —concld.	Small patch of *Acacia arabica* in Gulu Shahr State Reserve, Baluchistan.		A 140.		
,,	Alluvial growth of *Acacia arabica* and *Dalbergia Sissoo* in the Siwalik Division, United Provinces.		A 470.	V 10.	
,,	* *Acacia arabica* artificially raised, seed sown 16th July 1911, plant about 3 months old, Sylvicultural garden, Surajbagh F. R. I., Dehra Dun, 15th October 1911.	T. B. Chitrakar.	A 639.	T 209.	
Acacia Catechu.	Cutch (*Acacia Catechu*) tree with Teak (*Tectona grandis*) and Cutch sowings in flowered bamboos. Bwet Forest, Prome Division, Burma.	J. W. Oliver.	A 36.	T 7.	
,,	An *Acacia Catechu* tree, South Kanara Division, Madras.		A 98.	T 45.	
,,	*Acacia Catechu* tree, U. P. Received from the United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	A 213.	S 135.	
,,	*Acacia Catechu* coppice shoot, killed by the great frost 1905, Chandi Range, Lansdowne Division, U. P. Received from U. P. Exhibition, Allahabad, 1910-11.	,,	A 246.	T 183.	
,,	A view of *Acacia Catechu* forests, showing the damage done to trees by porcupines, Gohri Range, Lansdowne Forest Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	A 248.	T 147.	
,,	* *Acacia Catechu* on very poor soil showing effects of erosion, Gonda Division, United Provinces.	R. S. Troup.	A 277.	Q 71.	

* Not available for issue at present.

A.—Sylviculture.

Acacia Catechu—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Acacia Catechu —contd.	* *Acacia Catechu* sown 6th March 1911, seedlings about three months old. F. R. I. Sylvicultural garden, Dehra Dun.	T. B. Chitrakar.	A 348.	T 194.	
,,	Superficial erosion in open forest of *Acacia Catechu*, Gonda Division, U. P. Received from U. P. Exhibition, Allahabad, 1910-11.	H. Jackson.	A 363.	V 47.	
,,	* *Acacia Catechu* tree 10'-6", height 27 ft., Dholkhand, Siwalik Division, United Provinces.	R. S. Troup.	A 371.	Q 6.	
,,	* *Acacia Catechu* showing stunted growth and tendency to die on badly drained localities.	,,	A 415.	P 2.	
,,	* *Acacia Catechu* on badly drained locality showing stunted growth and tendency to die, Meiktila District, Burma.	,,	A 416.	P 3.	
,,	*Acacia Catechu* on sandy alluvium in river-bed, Meiktila District, Burma.	,,	A 417.	P 4.	
,,	*Acacia Catechu* on sandy alluvium by river-bed, Meiktila District, Burma.	,,	418 and 419.	P 5 and 6.	
,,	Alluvial growth of *Acacia Catechu* in the Siwalik Division, United Provinces.		A 469, 472-77 and 480.	V 8, 12-14, 16, 17, 19 and 23.	
,,	Alluvial growth of *Acacia Catechu* and *Dalbergia Sissoo* in the Siwalik Division, United Provinces.		A 478, 479 and 481.	V 20, 22 and 27.	
,,	*Acacia Catechu* in *rau*-bed, Siwalik Division, United Provinces.	R. S. Troup	A 483.	V 29.	

* Not available for issue at present.

Index title.	Subject.	Photo-grapher's name.	Print No.	Negative No.	Remarks.
Acacia Catechu —concld.	* Sample plot No. 6 of Siwalik Division, United Provinces, fully stocked natural forest of *Dalbergia Sissoo* and *Acacia Catechu* on alluvial sand and gravel, Dholkhand, Siwalik Division, United Provinces.	T. B. Chitrakar.	A 522.	T 81.	
	* Experimental plot No. 8 of Siwalik Division, United Provinces, alluvial sand and gravel on which seedlings of *Dalbergia Sissoo* and *Acacia Catechu* are springing up, Dholkhand, Siwalik Division, United Provinces.	,,	A 524.	T 83.	
,,	Coppice shoots of *Dalbergia Sissoo* and *Acacia Catechu*, 8 years old, Chandi Range, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	A 562.	T 160.	
,,	Coppice shoots of *Acacia Catechu*, Chandi Range, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	A 571	T 168.	
,,	A view of *Acacia Catechu* forest ringed by porcupines, Gohri Range, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	A 573.	T 170.	
,,	An *Acacia Catechu* trunk, the lower portion of which has been damaged by porcupines, Gohri Range, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	A 574.	T 171.	
Adansonia digitata.	*Adansonia digitata*; view taken at Karwand in Buldana District, Berar.		A 104.		

*Not available for issue at present.

A.—Sylviculture.

Adansonia digitata—*concld.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Adansonia digitata —concld.	*Adansonia digitata*, 42 feet girth, Karwand, Berar, Central Provinces.		A 279.		
Adina cordifolia.	*Adina cordifolia* tree, Dehra Dun, United Provinces.		A 30.	U 27.	
,,	*Adina cordifolia* tree, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.		A 335.		
Æsculus indica	Horse chestnut tree, Chachpur, Jaunsar, United Provinces.	J. S. Gamble.	A 274.		
,,	In " Ola Block " Tehri Garhwal Leased Forest, 1898. Horse-chestnut in flower, Jaunsar, United Provinces.		A 275.		
Albizzia Lebbek	**Albizzia Lebbek*, sown 6th March 1911, seedlings about three months old, F. R. I. Sylvicultural Garden, Dehra Dun.	T. B. Chitrakar.	A 346.	T 192.	
,,	* *Albizzia Lebbek* in fruit, Ranipur, Siwalik Division, United Provinces.	,,	A 515.	T 78.	
Albizzia procera.	**Albizzia procera*, sown 16th April 1911, seedlings about two months old, F. R. I. Sylvicultural Garden, Dehra Dun.	,,	A 345.	T 191.	
,,	*Albizzia procera*, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	A 579.	T 176.	
Albizzia stipulata.	*Albizzia stipulata*, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	A 558.	T 155.	
Alnus nitida	A view of valley showing the gregarious growth of *Alnus nitida*, Naini Tal Division, United Provinces. Received from United Provinces Exhibition, Allahabad 1910-11.	,,	A 353.	V 41.	

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Anogeissus latifolia.	* Reproduction of *Pinus longifolia* mixed with *Sál, Buchanania latifolia* and *Anogeissus latifolia* on the upper ridges of the Siwaliks, United Provinces. Alt. about 2,300 feet.	R. S. Troup.	A 520.	Q 67.	
Anogeissus pendula.	*Anogeissus pendula* tree, Vern. "dhankra," (protected from goats and sheep) Ajmere-Merwar.		A 107.		
Aristida cyanantha.	* Young *Sisoo* plants up to 10′ high coming up naturally on new alluvial ground in a river-bed amongst Munj grass (*Saccharum Moonja*, with the tall flowering stems) and *Aristida cyanantha* (the lower and finer grass in tufts), Dholkhand, Siwalik Division, United Provinces.	R. S. Troup.	A 366.	Q 1.	
Bamboos .	The giant *Bamboo* clump, Aravillakava, Nilambur, South Malabar Division, Madras.		A 101.		
Bambusa polymorpha.	Close view of a clump of Kyathaung bamboo, (*Bambusa polymorpha*) Toungoo Division, Burma.	J. J. Rorie.	A 199.		
,,	Clump of Kyathaung bamboo (*Bambusa polymorpha*) with old girdled teak stump in foreground, Toungoo Division, Burma.	,,	A 202.		
,,	Forest of *Bambusa polymorpha*, with Forest Officer's tent, Okkan Reserve, Rangoon Division, Burma.	A. Rodger.	A 679.	P 27	
Bambusa Tulda	A clump of thaik bamboo (*Bambusa Tulda*), Toungoo Division, Burma.	J. J. Rorie.	A 200.		
Betula alnoides.	Birch trees, Darjeeling.		A 172.		

* Not available for issue at present.

A.—Sylviculture.

Bischofia javanica.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Bischofia javanica.	Trunk of *Bischofia javanica* showing the claw marks of a tiger, Sonanadi Range, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	A 575.	T 172.	
,,	*Bischofia javanica*, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	A 577.	T 174.	
,,	A *Bischofia javanica* tree, in full leave, Eastern Bengal and Assam.	B. C. Sen Gupta.	A 714.	Q 140.	
Bombax malabaricum.	*Bombax malabaricum* large buttressed tree, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.		A 337.		
,,	*Bombax malabaricum*, United Provinces. Received from United Provinces Exhibition, Allahabad.	Basti Ram, Ranger.	A 566.	T 163.	
,,	* *Bombax malabaricum*, artificially raised, seed sown 3rd July 1911. Plant about three months old. Sylvicultural Garden, Surajbagh, F. R. I., Dehra Dun, 15th October 1911.	T. B. Chitrakar.	A 640.	T 210.	
Buchanania latifolia.	* Hill type of *sál* forest in the Saharanpur Siwaliks, United Provinces. *Sál* mixed chiefly with *Buchanania latifolia* (sample plot No. 4 of Siwalik Division).	,,	A 513. & 514	T 76 and 77.	
,,	* Reproduction of *Pinus longifolia* mixed with *sál*, *Buchanania latifolia* and *Anogeissus latifolia* on the upper ridges of the Siwaliks, United Provinces. Alt. about 2,300 feet.	R. S. Troup.	A 520.	Q 67.	
Butea frondosa.	*Butea frondosa* in flower, Dehra Dun, United Provinces.	T. B. Chitrakar.	A 114.	538.	

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Butea frondosa —concld.	Trunk of a *Butea frondosa* tree, the lower portion of which has been ringed by porcupines, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	A 225.	S 159.	
,,	* *Butea frondosa* tree pollarded for lac cultivation (Experimental Plot No. 1 of Siwalik Division), Ranipur, United Provinces.	T. B. Chitrakar.	A 516.	T 79.	
,,	*Butea frondosa*, United Provinces. Received from United Provinces Exhibition, Allahabad.	Basti Ram, Ranger.	A 567.	T 164.	
,,	* Experimental Plot No. 1 of Siwalik Division, United Provinces. Sticks of lac on *Butea frondosa* used for starting the experiment.	T. B. Chitrakar.	A 587.	T 150.	
Careya arborea.	A *Careya arborea* tree, leafless. Eastern Bengal and Assam.	B. C. Sen Gupta.	A 708.	Q 134.	
,,	A *Careya arborea* tree in full leaves, Eastern Bengal and Assam.	,,	A 709.	Q 135.	
Cassia Fistula.	*Cassia Fistula*, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	A 230.	S 134.	
,,	* *Cassia Fistula*, sown 6th March 1911, seedling about two months old. Forest Research Institute, Sylvicultural Garden, Dehra Dun.	T. B. Chitrakar.	A 347.	T 193.	
,,	* *Cassia Fistula* in fruit, Beribara, Siwalik Division, United Provinces.	R. S. Troup.	A 370.	Q 5.	

* Not available for issue at present.

A.—Sylviculture.

Casuarina equisetifolia.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Casuarina equisetifolia.	*Casuarina equisetifolia*, one year in nursery, one year in plantation, Western Division, Kanara, Bombay. Received from United Provinces Exhibition, Allahabad, 1910-11.		A 139.		
,,	*Casuarina equisetifolia*, Coupe, Western Division, Kanara, Bombay. Received from United Provinces Exhibition, Allahabad, 1910-11.		A 289.		
,,	Planting *Casuarina equisetifolia* at the commencement of the monsoon, Western Division, Kanara, Bombay. Received from United Provinces Exhibition, Allahabad, 1910-11.		A 290.		
,,	Planting *Casuarina equisetifolia*, area at the end of the monsoon, Western Division, Kanara, Bombay. Received from United Provinces Exhibition, Allahabad, 1910-11.		A 291.		
,,	*Casuarina equisetifolia*, one year in nursery, three years in plantation, Western Division, Kanara, Bombay. Received from United Provinces Exhibition, Allahabad, 1910-11.		A 292.		
,,	*Casuarina equisetifolia*, one year in nursery, two years in plantation, Western Division, Kanara, Bombay. Received from United Provinces Exhibition, Allahabad, 1910-11.		A 293.		
,,	*Casuarina equisetifolia* plantation, general view 1—6 years old, Western Division, Kanara, Bombay. Received from United Provinces Exhibition, Allahabad, 1910-11.		A 294 & 295.		

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Casuarina equisetifolia —concld.	*Casuarina equisetifolia*, one year in nursery, two years in plantation, Western Division, Kanara, Bombay. Received from United Provinces Exhibition, Allahabad, 1910-11.		A 400.		
Cedrela Toona.	*Cedrela Toona*, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	A 565.	T 162.	
Cedrus Deodara	Deodar (*Cedrus Deodara*) and oak (*Quercus dilatata*) plantation, Cheena Block C. 7, Naini Tal, United Provinces.	E. A. Courthope.	A 27.		
,,	Forest of *Deodar*, Bashahr Division, Punjab.		A 38.	T 8.	
,,	Forest of *Deodar*, showing results of lopping and mutilation, Bashahr Division, Punjab.		A 39.	T 22.	
,,	Very old gnarled *Deodar*, Bashahr Division, Punjab.		A 40.		
,,	Young *Deodar* forest in the Sutlej Valley, Bashahr Division, Punjab.		A 41.	T 19.	
,,	Hill slope planted with Deodar and *Pinus excelsa*, Jaunsar, United Provinces.		A 46.	U 16.	
,,	Young Deodar forest, Jaunsar, United Provinces.		A 48.	U 13.	
,,	Deodar forest open to grazing, showing the result of heavy grazing in hill forests, Jaunsar, United Provinces.		A 49.	U 15.	
,,	Deodar forest open to heavy grazing, Jaunsar, United Provinces.		A 50.	U 26.	
,,	Group of mature deodar trees, height about 150 feet, girth 10 feet, Jaunsar, United Provinces.		A 51.	U 17.	

A.—Sylviculture.

Cedrus Deodara—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Cedrus Deodara—contd.	Deodar pole forest, Jaunsar, United Provinces.		A 52.	U 33.	
,,	Young Deodar growth coming away under *Pinus excelsa*, which has been lopped and topped, Jaunsar, United Provinces.		A 57.	U 1.	
,,	Young Deodar growth coming away under girdled oaks and *Rhododendron arboreum*, Jaunsar, United Provinces.		A 58.	U 6.	
,,	Young Deodar crop saved by girdling *Pinus excelsa*, standing over it, Jaunsar, United Provinces.		A 59.	U 90.	
,,	Young Deodar growth saved by making a hole in the forest surrounding it, Jaunsar, United Provinces.		A 60.	U 29.	
,,	Mundali forest, showing dry spruce (*Picea Morinda*) and silver-fir (*Abies Pindrow*) girdled to make way for Deodar advance growth, Jaunsar, United Provinces.		A 61.	U 84.	
,,	Planting up bare hill side with Deodar and *Pinus excelsa* in lines, Jaunsar, United Provinces.		A 68.	U 89.	
,,	*Pinus excelsa* with small Deodar in middle, United Provinces.		A 285.		
,,	Fine pole growth of Deodar, Jaunsar, United Provinces.	Penchelu Reddi.	A 286.		
,,	Mixed forest at Lambatach, principally *deodar* and *Pinus excelsa*; the boundary path shows the boundary between fire-protected and open forest, Jaunsar, United Provinces.	,,	A 287.		

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Cedrus Deodara —contd.	Natural regeneration of *Cedrus Deodara* and *Pinus excelsa*, Osna, Jaunsar, United Provinces.		A 300.		
,,	Deodar forest after lumbering, Jaunsar, United Provinces.		A 301.		
,,	Natural regeneration of deodar, Jaunsar, United Provinces.		A 302.		
,,	* Young group of deodar poles, height 30 feet, sprung from a seed-bearer, recently removed from blank in foreground, Konain, Jaunsar, United Provinces. Altitude 7,800 feet. South-west aspect, steep slope.	R. S. Troup.	A 388.	S 15.	
,,	Deodar natural reproduction on a blank round old seed bearers, Chakrata Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.		A 338.		
,,	View over deodar forest of Bodyar, Jaunsar, United Provinces, chiefly Deodar mixed with spruce.	R. S. Troup.	A 392.	S 19.	
,,	* Deodar trees, the result of natural reproduction in patches; average height 100 feet, average girth 5½ feet, Konain, Jaunsar, United Provinces, 7,800 feet.	,,	A 395.	S 22.	
,,	*Pinus longifolia* forest, showing 100 feet fire line. View overlooking the Tons valley from Molta, Jaunsar, United Provinces. On the other side *Pinus longifolia* forest below and Deodar forest above.	,,	A 396.	S 23.	

* Not available for issue at present.

A.—Sylviculture.
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Cedrus Deodara—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Cedrus Deodara—contd.	* Deodar reproduction 6 to 12 feet high coming up thickly on a grassy slope on the edge of forest. Seed bearers in background. South aspect, steep slope. Altitude 8,000 feet, Konain, Jaunsar, United Provinces.	R. S. Troup.	A 401.	S 47.	
„	Deodar forest on the Chenab, Pangi Valley, Chamba State.	J. H. Lace.	A 420.		
„	Deodar grove in the Pabar Valley, Bashahr State, Punjab.	G. S. Hart.	A 422.		
„	Baspar Valley, Bashahr State, Punjab. Deodar trees in foreground.	„	S 423.		
„	Temple of Gangotri, altitude 10,300 feet, showing Deodar forest on southern aspect with stunted growth of trees, mostly unsound ; very little reproduction. Bhagirathi Valley, Tehri State, United Provinces.	E. A. Courthope.	A 424.	S 58.	
„	Dense reproduction of Deodar and *Pinus excelsa* resulting from practically clear felling carried out by late Mr. Wilson about 60 years ago, Harsil (8,000 feet), Tehri State, United Provinces.	„	A 426.	S 67.	
„	Dense reproduction of Deodar and *Pinus excelsa* resulting from practically clear felling carried out about 60 years ago at Harsil in Tehri State, United Provinces, by the late Mr. Wilson.	„	A 427.	S 70.	
„	Dense Deodar pole forest in Jalandrigadh at Harsil, Tehri State, United Provinces, 8,000 feet altitude, left untouched by Mr. Wilson, 60 years ago, probably because then too small. Much of the forest felled by Mr. Wilson was of this density, as evidenced by stumps still remaining.	„	A 428.	S 73.	

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Cedrus Deodara —contd.	A specimen of clear felling in Deodar forest carried out by late Mr. Wilson, about 60 years ago at Harsil in the Bhagirathi Valley, Tehri State, United Provinces. Reproduction has come in thickly in most places of the kind.	E. A. Courthope.	A 430.	S 74.	
,,	Clear felling of Deodar near Harsil in Tehri State made by late Mr. Wilson about 60 years ago. In most places reproduction of Deodar and Kail coming in thick, as shown in other photos, taken in same locality. This photo shows the density of forest felled by Mr. Wilson.	,,	A 435.	S 95.	
,,	Clearing in Deodar, spruce and silver-fir forests made by Mr. Wilson and afterwards cultivated by villagers of Durabi, Tehri State, United Provinces, near Harsil.	,,	A 436.	S 96.	
,,	Natural regeneration of Deodar, Konain, Jaunsar, United Provinces.	B. O. Coventry.	A 484, 485.	U 31 & 62.	
,,	Natural regeneration of Deodar, area open to grazing, Konain, Jaunsar Division, United Provinces.	,,	A 486.	U 63.	
,,	Natural regeneration of Deodar, Konain, Jaunsar, United Provinces.	,,	A 487.		
,,	Natural regeneration of Deodar and Blue Pine, Konain, Jaunsar Division, United Provinces.	,,	A 488.	U 7.	
,,	Distant view of Deodar plantations, Bodyar, Jaunsar, United Provinces.	,,	A 489.	U 9.	

A.—Sylviculture.

Cedrus Deodara—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Cedrus Deodara —contd.	Bare slope in Deodar forest open to grazing, Minau, Jaunsar, United Provinces.	B. O. Coventry.	A 490.	U 14.	
,,	Deodar and Blue Pine plantation, Bodyar, Jaunsar, United Provinces.	,,	A 500.	U 10.	
,,	* Dense young deodar natural reproduction, chiefly 1 to 3 feet high, coming up in a blank round a seed-bearer, Konain, Chakrata Division, United Provinces, 21st September 1911.	R. S. Troup.	A 634.	S 217.	
,,	* Large forked deodar seed-bearer with good crop of regeneration in pole stage round it. Konain, Chakrata Division, United Provinces, 23rd September 1911.	,,	A 641.	S 218.	
,,	* Sample Plot No. 8 of Chakrata Division, United Provinces. Dense, pure Deodar forest, Konain, Chakrata Division, United Provinces, 23rd September 1911.	,,	A 642.	S 219.	
,,	* Deodar plantation with natural *kail* standing over it: *kail* lopped to allow deodar to come up. Konain, Chakrata Division, United Provinces, 23rd September 1911.	,,	A 643.	S 220.	
,,	* Deodar forest, showing tendency to regenerate in groups. Group of young growth 10′—15′ high in foreground (seed-bearer recently felled above it), and old group, evidently regenerated in same way, height about 100 feet, Konain, Chakrata Division, United Provinces, 23rd September 1911.	,,	A 644.	S 221.	

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Cedrus Deodara --contd.	Dense natural regeneration of deodar, 40′—50′ high, obtained from seed-bearers recently felled, leaving a blank under them, Konain, Chakrata Division, United Provinces, 23rd September 1911.	R. S. Troup.	A 645.	S 222.	
,,	* A hot rocky southern slope on which Deodar reproduction has failed, although very successful all round on deeper soil, Konain, Chakrata Division, United Provinces, 23rd September 1911.	,,	A 646.	S 223.	
,,	* Sample Plot No. 7 of Chakrata Division, United Provinces, Deodar forest, in which a thinning has just been made, Konain, Chakrata Division, United Provinces, 25th September 1911.	,,	A 647.	S 224.	
,,	* Temporary forest nursery, containing chiefly deodar plants 3 years old. In foreground deodar 1 year old in nursery beds. *Pinus excelsa* in blanker-looking beds in centre, Koti Kanasar, Chakrata Division, United Provinces, 26th September 1911.	,,	A 648.	S 225.	
,,	* A fine, pure, even-aged crop of deodar, grown up on abandoned cultivation. Mean height 122 feet, mean girth 5′-7″, age 60 years, Koti Kanasar, Chakrata Division, 26th September 1911.	,,	A 649.	S 226	
,,	* Four-year old natural deodar seedlings, up to 10 inches high, covering the ground in a small gap in deodar pole forest, caused by snow-break, Koti Kanasar, Chakrata Division, United Provinces, 26th September 1911.	,,	A 650.	S 227.	

* Not available for issue at present.

A.—Sylviculture.

Cedrus Deodara—*concld.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Cedrus Deodara—concld.	* Two deodar nursery plants each 3 years old (larger 3′-3″ from top of shoot to tip of root), Koti Kanasar, Chakrata Division, United Provinces, 26th September 1911.	R. S. Troup.	A 651.	S 228.	
,,	Damage by snow in deodar pole forest. Aspect N.-N-W. Elevation 6,000 feet, Koti Kanasar, Chakrata Division, United Provinces, 1st October 1911.	,,	A 653.	S 230.	
,,	* Deodar, Chir pine, and blue pine reproduction coming up in Chir forest where the Chir and Deodar zones meet. Altitude 6,000 feet. Aspect N.-W., Koti Kanasar, Chakrata Division, United Provinces, 1st October 1911.	,,	A 654 to 658.	S 231 to 235.	
,,	* Deodar plantation, 4′×4′, age 37 years, Bodyar, Chakrata Division, United Provinces, 5th October 1911.	,,	A 668.	S 246.	
Cephalostachyum pergracile.	Flowered *tin* (*Cephalostachyum pergracile*) bamboo area; ground covered with young bamboo with dead standing bamboo in foreground and a teak tree behind, Toungoo Division, Burma.	J. J. Rorie.	A 201.		
,,	*Cephalostachyum pergracile* in flower, Pyinmana, Burma.	J. W. Oliver.	A 253.		
,,	Teak with tinwa (*Cephalostachyum pergracile*) showing 2 girdled and 2 green teak; nearest teak 11 feet 9 inches in girth, Bhamo District, Upper Burma. Negative copied from a photo. by J. H. Lace.	J. H. Lace.	A 407.	T 3.	

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Cephalostachyum pergracile—concld.	Natural reproduction of teak in flowered tinwa (*Cephalostachyum pergracile*). Myitkyina Division, Upper Burma. Brushwood cut but area not yet burnt. Young teak weak and generally crooked. It is intended to burn the area and cut back the teak.	J. H. Lace.	A 445.	T 62.	
Chloroxylon Swietenia.	Satin wood (*Chloroxylon Swietenia*) much lopped for fuel, showing poor rocky ground on which it often grows. Height about 15 feet, girth 3′-6″ (tree on left); Mandla District, Central Provinces, January 1908.	R. S. Troup.	A 385.	S 12.	
Chos . .	General view of the Hosiarpur Chos, Punjab.	Fazaluddin.	A 603.		
„	Plot No. 1 (Block A), Hosiarpur Chos, Punjab.	„	A 604.		
„	Plot No. 2 (Block A) eastern slope. Hosiarpur Chos, Punjab.	„	A 605.		
„	Plot No. 2 (Block A). south western slope, Hosiarpur Chos, Punjab.	„	A 606.		
„	Plot No. 3 (Block A), Hosiarpur Chos, Punjab.	„	A 607 & 608.		
„	Plot No. 4 (Block B), Hosiarpur Chos, Punjab.	„	A 609.		
„	Plot No. 5 (Block C), northwestern slope, Hosiarpur Chos, Punjab.	„	A 610.		
„	Plot No. 5 (Block C), southwestern slope, Hosiarpur, Punjab.	„	A 611.		
„	Example of slip erosion, Hosiarpur Chos, Punjab.	„	A 612 to 615.		
Cinnamomum Camphora.	Camphor tree avenue (*Cinnamomum Camphora*) about 40 years old, Chandbagh, Dehra Dun.	T. B. Chitrakar.	A 421.	T 31.	

A.—Sylviculture. Clerodendron infortunatum.	Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
	Clerodendron infortunatum	* *Sal* pole forest more or less even-aged. Average girth 2½ feet. Average height of dominant stems 60 feet, undergrowth scanty and chiefly composed of *Clerodendron infortunatum*, Garhwal, United Provinces.	R. S. Troup	A 460.	Q 61.	
	Climbers	Aerial climber, Darjeeling		A 177.		
	Coppice (including Coppice-with-Standards).	*Khair* (*Acacia Catechu*) coppice shoots killed by the great frost of 1905, Chandi Range, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	A 246.	T 183.	
	,,	Coppice shoots of shisham and khair 8 years old, Chandi Range, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	A 563.	T 160.	
	,,	Coppice shoots of khair, Chandi Range, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	A 571.	T 168.	
	,,	Coppice coupe of oak forests after the fellings, Naini Tal, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.		A 586.	V 35.	
	,,	Coppice-with-Standards immediately after fellings, Bahraich, United Provinces.	F. A. Leete.	A 19.		
	,,	Coppice-with-standards seven months after fellings, Bahraich, United Provinces.	,,	A 22.		
	,,	* *Sal* coppice-with-standards. Coppice seven years old; coupe 11 of Ramgarh forest, Gorakpur Division, United Provinces.	T. B. Chitrakar.	A 188.	T 122.	

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Coppice (including Coppice-with-Standards) —*concld.*	* *Sal* coppice-with-standards coupe, Bahraich, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	H. Jackson.	A 365.	V 64.	
,,	* *Sal* coppice-with-standards, Tikri forest, Gonda Division, United Provinces. Coppice two years old.	T. B. Chitrakar.	A 526.	T 85.	
,,	* *Sal* coppice-with-standards, Tikri forest, Gonda Division, United Provinces. Coppice five years old.	,,	A 527.	T 86.	
,,	* Experimental plot No. 1 of Gonda Division, United Provinces. *Sal* coppice twenty years old, immediately before the felling of coppice; average height of coppice 37 feet.	,,	A 529.	T 88.	
,,	* *Sal* coppice-with-standards; coppice just felled. Tikri Forest, Gonda Division, United Provinces.	,,	A 530.	T 89.	
,,	* Sample plot No. 1 of Gonda Division, United Provinces. *Sal* coppice-with-standards; coppice two years old, Tikri forest.	,,	A 533.	T 92.	
,,	* Sample plot No. 2 of Gonda Division, United Provinces. *Sal* coppice-with-standards; coppice two years old, Tikri forest.	,,	A 534.	T 93.	
,,	* Experimental plot No. 1 of Gonda Division, United Provinces. *Sal* coppice-with-standards; coppice just cut.	,,	A 535.	T 94.	
Cordia vestita .	* *Cordia vestita*, artificially raised. Seed sown, 11th July 1911. Plant about three months old. Sylvicultural Garden, Surajbagh, F. R. I. Dehra Dun, 15th October 1911.	,,	A 638.	T 208.	

* Not available for issue at present.

A.—Sylviculture. Cryptomeria japonica.	Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
	Cryptomeria japonica.	Illustrating the comparative growth of *Cryptomeria japonica* and *Pinus Khasya* on a moist soil near experimental farm, Upper Shillong, view taken from opposite hillside.	W. F. Perrée.	A 306 to 314.		
	Cupressus torulosa.	* *Cupressus torulosa* on limestone cliffs (in foreground). Trees of far background chiefly deodar. Bodyar, Jaunsar, United Provinces, June 1907.	R. S. Troup.	A 384.	S 11.	
	Dalbergia lanceolaria.	*Dalbergia lanceolaria*, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	A 560.	T 157.	
	Dalbergia latifolia.	* *Dalbergia latifolia*, artificially raised; sown 3rd July 1911. Sylvicultural garden, Surajbagh, F. R. I. Dehra Dun, 15th October 1911.	T. B. Chitrakar.	A 635.	T 205.	
	Dalbergia Sissoo.	*Dalbergia Sissoo* tree, Dehra Dun, United Provinces.		A 33.	U 83.	
	,,	*Dalbergia Sissoo* plantation, Changa Manga, Punjab.		A 35.	T 13.	
	,,	View in a *Shisham* (*Dalbergia Sissoo*) forest about twenty years old, Punjab.		A 117.		
	,,	View of a coupe showing *Shisham* (*Dalbergia Sissoo*) standard and coppice six months old, Changa Manga, Punjab.		A 121.		
	,,	View of a coupe after the brushwood has been burnt and the coppice has commenced to come up. Changa Manga, Punjab.		A 122.		
	,,	View of a coupe before brushwood has been burnt, Changa Manga, Punjab.		A 123.		

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Dalbergia Sissoo—contd.	View in a *Shisham* (*Dalbergia Sissoo*) forest seventeen years old. Changa Manga, Punjab.		A 124.		
,,	Young *Shisham* trees growing near Harani, Baluchistan.		A 149.		
,,	Growth of *Dalbergia Sissoo* along the alluvium, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	A 215.	S 141.	
,,	*Dalbergia Sissoo* saplings ten years old. Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	A 229.	S 207.	
,,	*Dalbergia Sissoo*, Changa Manga, Punjab.	C. G. Rogers.	A 263.		
,,	*Dalbergia Sissoo*, coppice under standards at Lahore.		A 298.		
,,	* *Dalbergia Sissoo*, young pole forest. Sample plot No. 5 of Haldwani Division, United Provinces.	R. S. Troup.	A 333.	Q 41.	
,,	* Young *Sissoo* plants up to 10 feet high coming up naturally on new alluvial ground in a river-bed amongst munj grass (*Saccharum Munja*) with the full flowering stems and *Aristida cyanantha* (the lower and finer grass in tufts), Dholkhand, Siwalik Division, United Provinces.	,,	A 366.	Q 1.	
,,	*Dalbergia Sissoo* and *Munj* forest at the foot of the Kunan hills, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	R. C. Milward.	A 402.		

* Not available for issue at present.

A.—Sylviculture.

Dalbergia Sissoo—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Dalbergia Sissoo—contd.	* Earliest stage in natural reproduction of *Sissoo*. Young plants up to 5 feet high (in foreground) springing up in grass on alluvial gravel in bed of Ramganga River, Garhwal, United Provinces.	R. S. Troup.	A 446.	Q 47.	
„	* Natural reproduction of *sissoo* about 10 feet high, appearing over grass on alluvial gravel in bed of Ramganga River, Garhwal, United Provinces.	„	A 447.	Q 48.	
„	* Dense young natural forest of *sissoo*, average height 15 ft., on alluvial gravelly loan on bank of Ramganga River, Garhwal, United Provinces.	„	A 448 & 449.	Q 49 & 50.	
„	* Dense pole forest of *sissoo*, about 40 feet high on bank of Ramganja River, Garhwal, United Provinces.	„	A 461.	Q 62.	
„	* Natural reproduction of *sissoo*, height about 20 feet, on alluvial gravel on the bank of the Ramganga River, Garhwal, United Provinces.	„	A 462.	Q 63.	
„	Alluvial growth of *Acacia arabica* and *Dalbergia Sissoo* in the Siwalik Division, United Provinces.		A 470.	V 10.	
„	Alluvial growth of *Dalbergia Sissoo*, Siwalik Division, United Provinces.		A 471.	V 11.	
„	Alluvial growth of *Acacia Catechu* and *Dalbergia Sissoo* in the Siwalik Division, United Provinces.		A 478, 479, & 481.	V 20, 22 & 27.	
„	*Dalbergia Sissoo*, coming up in grass in *rau*-bed, Siwalik Division, United Provinces.		A 482.	V 28.	

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Dalbergia Sissoo—contd.	* Sample plot No. 5 of Siwalik Division, United Provinces; natural crop of pure *Dalbergia Sissoo* on alluvial sand and gravel. Dholkhand, Siwalik Division, United Provinces.	T. B. Chitrakar.	A 521.	T 80.	
,,	* Sample plot No. 6 of Siwalik Division, United Provinces. Fully stocked natural forest of *Dalbergia Sissoo* and *Acacia Catechu* on alluvial sand and gravel, Dholkhand, Siwalik Division, United Provinces.	,,	A 522.	T 81.	
,,	* Sample plot No. 7 of Siwalik Division, United Provinces; natural reproduction of *Dalbergia Sissoo* on alluvial sand and gravel; average height of trees 10 feet. Dholkhand, Siwalik Division, United Provinces.	,,	A 523.	T 82.	
,,	* Experimental plot No. 8 of Siwalik Division, United Provinces. Alluvial sand and gravel on which seedlings of *Dalbergia Sissoo* and *Acacia Catechu* are springing up. Dholkhand, Siwalik Division, United Provinces.	,,	A 524.	T 83.	
,,	* Root System of *Dalbergia Sissoo* showing long lateral roots from which suckers spring. Dholkhand, Siwalik Division, United Provinces.	,,	A 525.	T 84.	
,,	*Dalbergia Sissoo*, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	A 561.	T 158.	
,,	Coppice shoots of *Dalbergia Sissoo* and *khair* eight years old, Chandi Range, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	A 563.	T 160.	

* Not available for issue at present.

A.—Sylviculture.

Dalbergia Sissoo—*concld.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Dalbergia Sissoo—concld.	*Dalbergia Sissoo.* Growth along the river Sona Nadi, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	A 583.	T 180.	
„	A view of an alluvial bed, showing how *Dalbergia Sissoo* establishes itself in the grass, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	„	A 584.	T 181.	
Dendrocalamus Hamiltonii.	Wabo Myetsangyè (*Dendrocalamus Hamiltonii*) Shweli Forest, Upper Burma.	J. W. Oliver.	A 258.	T 9.	
Dendrocalamus strictus.	A *Dendrocalamus strictus* clump after the cutting, all the old culms being removed except a few, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	A 210.	S 129.	
„	Congested *Dendrocalamus strictus* clump in flower, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	„	A 218.	S 146.	
„	Congested *Dendrocalamus strictus* clumps, Lansdowne Division, United Provinces. Received from the United Provinces Exhibition, Allahabad, 1910-11.	„	A 219.	S 147.	
„	Congested *Dendrocalamus strictus* clumps, Lansdowne Division, United Provinces. Received from the United Provinces Exhibition, Allahabad, 1910-11.	„	A 220.	S 149.	Appeared in "Indian Forester," Volume XXXVI, 1910.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Dendrocalamus strictus—contd.	A congested *Dendrocalamus strictus* clump, Lansdowne Division, United Provinces. Received from the United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	A 221 and 222.	S 150 and 151.	
„	A congested *Dendrocalamus strictus* clump. Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	„	A 223.	S 152.	Appeared in "Indian Forester," Volume XXXVI, 1910.
„	*Dendrocalamus strictus* clumps worked, Lansdowne Division, United Provinces. Received from the United Provinces Exhibition, Allahabad, 1910-11.	„	A 224.	S 153.	
„	*Dendrocalamus strictus* and *Sal* forests, Lansdowne Division, United Provinces. Received from the United Provinces Exhibition, Allahabad, 1910-11.	„	A 232.	S 158.	
„	*Dendrocalamus strictus* clumps worked. Received from United Provinces Exhibition, Allahabad, 1910-11.	„	A 239.	S 148.	
„	A congested *Dendrocalamus strictus* clump showing the dead rhizomes round the periphery. Lansdowne Division, United Provinces. Received from the United Provinces Exhibition, Allahabad, 1910-11.	„	A 240 and 241.	S 154 and 155.	
„	An uprooted *Dendrocalamus strictus* clump showing the dead rhizomes round the periphery. Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	„	A 242 and 243.	S 156 and 157.	Appeared in "Indian Forester," Volume XXXVI, 1910.

A.—Sylviculture. Dendrocalamus strictus—*concld.*	Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
	Dendrocalamus strictus—concld.	A congested *Dendrocalamus strictus* clump showing the dead rhizomes round the periphery. Lansdowne Division, United Provinces. Received from the United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	A 244.	S 160.	Appeared in "Indian Forester," Volume XXXVI, 1910.
	,,	*Dendrocalamus strictus* clumps worked. Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	A 249, 562, & 572.	T 149, 159, & 169.	
	,,	Bamboo (*Dendrocalamus strictus*) forest above Kunan, Lansdowne Division, United Provinces, Ganges and Hardwar in the distance. Received from United Provinces Exhibition, Allahabad, 1910-11.	R. C. Milward.	A 403.		
	,,	*Dendrocalamus strictus* forest worked, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	A 578.	T 175.	
	Denudation .	The Tè Chaung, where it leaves the boundary of the Pakokku Hill tracts. The width of this stream is getting greater every year at the expense of cultivated land: the direct result of denudation of the hill slopes by the *taungya*-cutting Chins, Upper Burma.		A 318.		
	,,	The treeless Myelat denuded by shifting cultivation, Southern Shan States, Burma.	G. R. Long.	A 623.		
	,,	Effect of denudation on account of disforestation of the hill slopes of Bhutan.	B. C. Sen Gupta.	A 685.	Q 100.	

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Denudation—*concld.*	Effect of denudation. Distant view of some landslips as the effect of disforestation of the hill slopes of Bhutan.	B. C. Sen Gupta.	A 686.	Q 101.	
„	Near view of the disforested hill slopes where villages have settled, Bhutan.	„	A 687.	Q 102.	
„	Effect of denudation on the Government forest (Jalpaiguri Division) caused by the disforestation of the hill slopes of Bhutan.	„	A 688 to 690.	Q 103 to 105.	
„	Shows how much débris has been deposited by the denudation. The man with the vertical pole stands in the pit dug in the vain attempt to find the foot of the tree after removing the sand and rubble. Bhutan.	„	A 691.	Q 106.	
„	A portion of the forest close to the above areas but not yet subjected to the effect of denudation. Bhutan.	„	A 692.	Q 107.	
Dillenia pentagyna.	A mature *Dillenia pentagyna*, tree leafless, Eastern Bengal and Assam.	„	A 704.	Q 130.	
„	A mature *Dillenia pentagyna*, tree in full leaf, Eastern Bengal and Assam.	„	A 705.	Q 131.	
Dipterocarpus alatus.	*Dipterocarpus alatus*, Thindawyo Reserve, Tharrawaddy Division, Burma.	R. S. Troup.	A 378.	S 5.	
„	Group of *Dipterocarpus alatus*, Thindawyo Reserve, Tharrawaddy Division, Burma.	„	A 379.	S 6.	
„	*Dipterocarpus alatus*, Hmyachaung, Tharrawaddy Division, Burma.	„	A 380.	S 7.	
„	Teak growing under *Kanyin* (*Dipterocarpus alatus*)—Kaing Reserve, Pyinmana Division, Upper Burma. Negative copied from a photo by J. H. Lace.	J. H. Lace.	A 406.	T 2.	

A.—Sylviculture.

Dipterocarpus tuberculatus.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Dipterocarpus tuberculatus.	*Dipterocarpus tuberculatus*, natural reproduction in an area annually overrun by fire, Burma.	A. Rodger.	A 108.	P 1.	Appeared in For. Pamphlet No. 13. Troup—Note on Burmese *In* wood.
,,	*In* tree (*Dipterocarpus tuberculatus*) Upper Burma.	J. W. Oliver	A 257.	T 15.	
,,	*Dipterocarpus tuberculatus*, Thèyaung forest, Katha, Upper Burma.	R. S. Troup.	A 381, 382, 383.	S 8, 9, 10.	A 383 appeared in For. Pamphlet, No. 13. Troup—Note on Burmese *In* wood.
,,	Remains of *In* forest, Magwe District, Upper Burma.	A. Rodger	A 676.	P 22.	
,,	Remains of *In* forest cleared for groundnut cultivation, Magwe District, Upper Burma.	,,	A 680.	P 30.	
,,	*In* coppice on abandoned temporary cultivation, Magwe District, Upper Burma.	,,	A 681.	P 31.	
Dodonœa viscosa.	*Olea europœa* and *Dodonœa viscosa* trees growing at Torkhan Tangi near Harnai in the Thal Chotiali District, Baluchistan.		A 146.		
Drought	* *Sál* forest killed by Drought of 1907 and 1908 Mailani, Kheri Division, United Provinces.	R. S. Troup.	A 115 and 116.	Q 15 and 16.	
,,	* Effect of Drought on *Sál* coppice-with-standards, Tikri forest, Gondna Division, United Provinces.	T. B. Chitrakar.	A 528.	T 87.	
,,	* Drought of 1907 and 1908. Trees killed by the drought. Dry wood fellings not yet commenced. Tikri *Sál* forest, Gonda Division, United Provinces.	,,	A 531.	T 90.	

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Drought—*concld.*	* Drought of 1907 and 1908. Dry wood fellings completed and material stacked, Tikri *Sál* forest, Gonda Division, United Provinces.	T. B. Chitrakar.	A 532.	T 91.	
„	* Effect of drought. *Sál* standards killed over coppice by the drought of 1908 and 1909, W. Lehra Forest, Gorakhpur Division, United Provinces.	„	A 533.	T 112.	
Ehretia acuminata.	*Ehretia acuminata*, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	A 576.	T 173.	
Elœagnus angustifolia.	*Elœagnus angustifolia* tree growing at Hudda Village near Quetta, Baluchistan.		A 152.		
„	*Elœagnus angustifolia and Prunus armeniaca* trees growing in the Zangi Lora plantation near Quetta, Baluchistan.		A 156.		
Erosion.	Superficial erosion in open forest of *Acacia Catechu*, Gonda Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	H. Jackson.	A 363.	V 47.	
„	Subterranean erosion producing ravines, Gonda Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	„	A 364.	V 63.	
Eucalyptus	Group of *Eucalyptus* trees at Changa Manga, Punjab.		A 118 and 119.		
„	*Eucalyptus* in Arambly plantation, Nilgiris, Madras.		A 99.	T 58.	
Eucalyptus Globulus.	Coppice of *Eucalyptus Globulus*, 8 years old, Chaubattia, 6,700 ft., Naini Tal Division, United Provinces.	F. A. Leete.	A 1.		

* Not available for issue at present.

A.—Sylviculture.

Eugenia Jambolana.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Eugenia Jambolana.	* Coppice of *Eugenia Jambolana*, 15′ in height, on alluvial ground, Gorakhpur Division, United Provinces.	T. B. Chitrakar.	A. 185.	T 119.	
,,	* Coppice of *Eugenia Jambolana*, 30′ in height, in process of being felled, on low-lying inundated land, Gorakhpur Division.	,,	A 186.	T 120.	
,,	* Typical situation for *Eugenia Jambolana* along bank of stream, Gorakhpur Division, United Provinces.	,,	A 187.	T 121.	
,,	* Natural reproduction of *Eugenia Jambolana* on soft sandy soil; seedlings of one rains, about 6″ in height, Dehra Dun, United Provinces.	,,	A 509.	T 72.	
,,	* *Eugenia Jambolana*, United Provinces. Received from United Provinces Exhibition, Allahabad.	Basti Ram, Ranger.	A 555.	T 152.	
Eugenia operculata.	Dense growth of *Sál* (*Shorea robusta*) seedlings under *Eugenia operculata*, Dehra Dun, United Provinces.		A 70.		
,,	*Eugenia operculata* trees on an area frequently burnt, showing absence of young *Sál* (*Shorea robusta*) underneath, Dehra Dun, United Provinces.		A 71.		
,,	*Eugenia operculata* trees on an area protected from fire, showing abundant *Sál* (*Shorea robusta*) growth coming up underneath. Dehra Dun, United Provinces.		A 72.	U 91.	
Experimental plots, Gonda Division, United Provinces.	* Experimental plot No. 1, of Gonda Division, United Provinces. *Sál* coppice 20 years old with standards, immediately before the felling of coppice; average height of coppice 37′.	T. B. Chitrakar.	A 529.	T 88.	

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Experimental plots, Gonda Division, United Provinces—*concld.*	* Experimental plot No. 1 of Gonda Division, United Provinces. *Sál* coppice-with-standards; the coppice just cut.	T. B. Chitrakar.	A 535.	T 94.	
,,	* Experimental plot No. 3 of Gonda Division, United Provinces. *Sál* forest before a regeneration felling has been made.	,,	A 544.	T 103.	
,,	* Experimental plot No. 3 of Gonda Division, United Provinces, and Sample plot No. 6 of Gonda Division, United Provinces. *Sál* forest after regeneration felling has been made.	,,	A 547.	T 106.	
Experimental plots, Pilibhit Division, United Provinces.	* Experimental plot No. 1 of Pilibhit Division, United Provinces. Bushy growth of *Sál* on fire protected "Chandar," Nawadia, Pilibhit Division, United Provinces.	,,	A 190.	T 137.	
,,	* Experimental plot No. 2 of Pilibhit Division, United Provinces. Bushy growth of *Sál* on burnt "Chandar" land, Nawadia, Pilibhit Division, United Provinces.	,,	A 191.	T 138.	
Experimental plots, Siwalik Division, United Provinces.	* *Butea frondosa* tree pollarded for lac cultivation. (Experimental plot No. 1 of Siwalik Division.) Pollard shoots 8 months old; Ranipur, Siwalik Division, United Provinces.	,,	A 344.	T 190.	
,,	* *Butea frondosa* tree pollarded for lac cultivation. (Experimental plot No. 1 of Siwalik Division), Ranipur, United Provinces.	,,	A 516.	T 79.	

* Not available for issue at present.

A.—Sylviculture. — Experimental plots, Siwalik Division, United Provinces—*concld.*	Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
	Experimental plots, Siwalik Division, United Provinces—*concld.*	* Experimental plot No. 4 of Siwalik Division, Tirsal Forest, United Provinces. Dense natural reproduction of *Terminalia tomentosa*; height up to 6′, with a few plants 8′ high.	T. B. Chitrakar.	A 512.	T 75.	
	„	*Experimental plot No. 5 of Siwalik Division, Tirsal Forest, United Provinces. Dense natural reproduction of *Sandan* (*Ougeinia dalbergioides*) height about 4′.	„	A 511.	T 74.	
	„	* Experimental plot No. 7 of Siwalik Division; natural reproduction of *Dalbergia Sissoo* on alluvial sand and gravel. Average height of trees 10′. Dholkhand, Siwalik Division, United Provinces.	„	A 523.	T 82.	
	„	* Experimental plot No. 8 of Siwalik Division; alluvial sand and gravel on which seedlings of *Dalbergia Sissoo* and *Acacia Catechu* are springing up. Dholkhand, Siwalik Division, United Provinces.	„	A 524.	T 83.	
	„	*Experimental plot No. 1 of Siwalik Division; sticks of lac on *Butea frondosa* used for starting the experiment.	„	A 587.	T 150.	
	Ficus bengalensis.	*Ficus bengalensis* tree showing aërial roots; United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.		A 336.		
	„	A *Ficus bengalensis* tree .		A 73.	T 5.	
	Fire and Fire-protection.	*Eugenia operculata* trees on an area frequently burnt, showing absence of young *Sál* undergrowth Dehra Dun Division, United Provinces.		A 71.		

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Fire and Fire-protection—*contd.*	Mixed forest at Lambatach, principally *Kail* and *Deodar*. The boundary path shows the boundary between fire protected and open forest, Jaunsar Division, United Provinces.	Penchelu Reddi.	A 287.		
„	* *Pinus longifolia* forest open to fire and hence having no reproduction. Kunigadh, Jaunsar Division, United Provinces. Altitude about 6,000′. (20th June 1909.)	R. S. Troup.	A 386.	S 13.	
„	* *Pinus longifolia* forest showing 100 feet fire line. View overlooking the Tons valley from Molta. Jaunsar, United Provinces; on the other side *Pinus longifolia* forest below, and Deodar forest above. (20th June 1909.)	„	A 396.	S 23.	
„	* Effect of fire (2 years previous) on *Pinus longifolia* in the Siwaliks, United Provinces. Trees up to 18′ in height. (3rd December 1910.)	„	A 517.	Q 64.	
„	* Bushy young *Sál* in grassy area burnt annually. Requires protection to bring it up; Garhwal, United Provinces. (May 1910.)	„	A 455.	Q 56.	
„	Gohri forest, area not burnt, good regeneration of *Sàl*. Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	A 570.	T 167.	
„	*Sàl* forest fire-protected, showing good natural regeneration, Dehra Dun Division, United Provinces.		A 23.	V 5.	

* Not available for issue at present.

A.—Sylviculture.

Fire and Fire-protection—*concld.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Fire and Fire-protection—*concld.*	*Sál* forest not fire-protected showing poor natural regeneration and distorted growth, Dehra Dun Division, United Provinces.		A 31.	U 4.	
,,	Fire-line, Zaha reserve, Shwegyin, Burma.		A 136.		
,,	Ideal location for fire-line, Phandowala, Dehra Dun, United Provinces.		A 304.		
,,	A well cleared and well kept 15′ fire-line in April. It follows the crest of a ridge; Upper Chindwin Division, Upper Burma.		A 321.		
,,	A badly cleared but well kept 15′ fire-line in April, three large trees shown on the line should have been removed at the original clearing. This fire-line ascends a very steep slope in the background; Upper Chindwin Division, Upper Burma.		A 322.		
,,	Damage done to teak trees by fire, Pegu Yoma, Burma.	A. Rodger.	A 669 to 673.	P 7 to 11.	Appeared in "Indian Forester", Volume XXXIII (1907), page 17, illustrating article on "Effects of Fire in Teak Forests."
,,	Appearance of *Sál* forest (Jalpaiguri Division) which was subjected to numerous fires 30 years previously, but successfully protected since then. Eastern Bengal and Assam.	B. C. Sen Gupta.	A 682	Q 92.	
Frenela rhomboidea.	*Frenela rhomboidea* plantation, Nilgiris, Madras.		A 97.	T 43.	

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Frost . .	On the right thick *Sál* forest. On the left stunted *Sál* growth annually cut back by frost, Kheri, United Provinces.	R. C. Milward.	A 15.		
,,	*Sál* poles showing the effects of annual frost; Chaukham blocks, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	A 211.	S 131.	
,,	A view of Dalnia *Sál* forest, Lansdowne Division, United Provinces, showing the effects of annual frost on the crop. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	A 212.	S 132.	
,,	A tract of *Sál* forest, Koluchaur, Lansdowne Division, United Provinces, showing the effects of annual frost. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	A 233.	S 130.	
,,	*Sál* forest, Lansdowne Division, United Provinces, showing the attacks of annual frost. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	A 234.	S 136.	
,,	*Sál* saplings, Hathikund block, Lansdowne Division, United Provinces. Photograph to mark the effect of annual frost. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	A 235.	S 138.	
,,	A view of Dalnia, Lansdowne Division, United Provinces. *Sál* forests showing the attacks of annual frost. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	A 237.	S 144.	

A.—Sylviculture.

Frost—*concld.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Frost—concld.	*Khair* (*Acacia Catechu*) coppice shoots killed by the great frost of 1905, Chandi Range, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram Ranger.	A 246.	T 183.	
,,	Effect of frost of 1905 on the foliage of *Sál*.	Penchelu Reddi.	A 299.		
,,	* Effect of frost in killing back *Sál* poles and causing internal unsoundness; Dehra Dun, United Provinces.	T. B. Chitrakar.	A 501 and 502.	T 64 and 65.	
,,	* Effect of the great frost of 1905 on *Sál* poles as seen six years later, Tirsal forest, Siwalik Division, United Provinces.	,,	A 503.	T 66.	
Gardenia.	*Gardenia* sp. (Bur. Hmanni) in flower, Magwe District, Upper Burma.	A. Rodger.	A 675.	P. 21.	
Grazing.	* Denudation of soil and exposure of roots of trees owing to excessive grazing; Gonda Division, United Provinces.	R. S. Troup.	A 273.	Q 69.	
,,	Young *Chir* coming up in *Sál*. Result of two years protection against grazing, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	A 569.	T 166.	
,,	Effect of grazing on regeneration of *Pinus longifolia*. Above the path is open to grazing, no advance growth, below the path closed to grazing, good advance growth.		A 62.	U 18.	
,,	*Pinus longifolia* seven years' protection against grazing, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	A 580.	T 177.	

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Grazing—concld.	Mature *Quercus semecarpifolia* forest, open to grazing and showing the absence of all undergrowth, Jaunsar Division, United Provinces.		A 53.	U 19.	
„	* *Sál* reproduction, up to 15 feet in height, sprung up as a result of eight years closure to grazing, Bhalaon, Garhwal Division, United Provinces.	R. S. Troup.	A 452 453.	Q 53 and 54.	
„	*Spruce* forest closed to grazing and showing a dense undergrowth, Jaunsar Division, United Provinces.		A 54.	U 20.	
„	*Spruce* forest open to grazing and showing the absence of all undergrowth, Jaunsar Division, United Provinces.		A 55.	U 21.	
„	*Spruce* forest closed to grazing above the path and open below it, Jaunsar Division, United Provinces.		A 56.	U 22.	
„	Pabbi forest, Shahpur Division, Punjab, area unplanted and heavily grazed.	Fazaluddin	A 588 to 594.		
„	Pabbi forest, Shahpur Division, Punjab, area unplanted and closed to grazing.	„	A 595 & 596.		
„	Pabbi forest, Shahpur Division, Punjab, area planted and closed to grazing.	„	A 597 to 602.		
Hardwickia binata.	*Hardwickia binata*; photographs illustrating Mr. Witt's monograph.		A 463 to 468.	S 111 to 116.	Appeared in Ind. For. Rec. Vol. II. Part III. Witt—the Sylviculture of *Hardwickia binata.*

* Not available for issue at present.

A.—Sylviculture.

Holoptelea integrifolia.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks
Holoptelea integrifolia.	*Holoptelea integrifolia*, United Provinces. Received from United Provinces Exhibition, Allahabad.	Basti Ram, Ranger.	A 564.	T 161.	
Homalium tomentosum.	*Myaukchaw* (*Homalium tomentosum*) in Bwet Reserve, Prome Division, Burma.	J. W. Oliver.	A 255.	T 25.	
Improvement fellings.	Condition of forest after improvement fellings, showing fuel stack inside. Poor forests, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	A 556.	T 153.	
,,	Improvement fellings; forest after the principal improvement felling, showing the stacking of fuel inside. Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	A 568.	T 165.	
,,	Forest after improvement fellings, showing the stacks of fuel, Lansdowne Range, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	A 282.	T 179.	
Juniperus macropoda.	Forest of *Juniperus macropoda*, Baluchistan.		A 42.	T 4.	
	Juniperus macropoda growing in Ziarat State Reserve, Baluchistan.		A 161.		
,,	*Juniperus macropoda* growing on waste lands near peasants' huts, Baluchistan.		A 162		
,,	A nearly dry Juniper tree in Baluchistan.		A 261.	T 20.	
Lac.	* Experimental plot No. 1 of Siwalik Division, United Provinces, sticks of lac on *Butea frondosa* used for starting the experiment.	T. B. Chitrakar.	A 587.	T 150.	

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Lagerstrœmia parviflora.	A *Lagerstrœmia parviflora* tree leafless, Eastern Bengal and Assam.	B. C. Sen Gupta.	A 710.	Q 136.	
,,	A *Lagerstrœmia parviflora* tree in full leaf, Eastern Bengal and Assam.	,,	A 711.	Q 137.	
Landslips.	Landslips near Darjeeling.		A 173.		
Macaranga denticulata.	*Macaranga denticulata* six years after sowing, along both the sides of a road passing through thick savannahs which have now been entirely killed by the *macaranga*, Eastern Bengal and Assam.	B. C. Sen Gupta.	A 694.	Q 109.	This may be taken as a supplement to the photographs which appeared in May and November numbers of Volume XXXIV of the "Indian Forester."
,,	*Sál* seedlings coming up well under the deep shade of *Macaranga denticulata* (to show the shade enduring power of *Sál* in the young stage), Eastern Bengal and Assam.	,,	A 696.	Q 111.	
Marking.	Marking party, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	A 245.	S. 175.	
Mixed forest.	Mixed forest, Darjeeling .		A 170. A 176. A 179.		
Moringa pterygosperma.	*Moringa pterygosperma*, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	A 214.	S 137.	
Morus alba.	*Morus alba* trees growing in Quetta club compound, Baluchistan.		A 163. A 164.		
Morus indica.	*Morus indica*, Changa Manga, Punjab.	C. G. Rogers.	A 262.		
Musa Spp.	Vegetation (plantains, etc.) round spring on slopes of Popa, Myingyan District, Upper Burma.	A. Fodger.	A 678.	P 24.	

A.—Sylviculture.

Nursery.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Nursery.	* Temporary forest nursery, containing chiefly deodar plants three years old. In foreground deodar one year old in nursery beds. *Pinus excelsa* in blanker-looking beds in centre. Koti Kanasar, Chakrata Division, United Provinces, 26th September 1911.	R. S. Troup.	A 648.	S 225.	
Odina Wodier.	An *Odina Wodier* tree leafless, Eastern Bengal and Assam.	B. C. Sen Gupta.	A 712.	Q 138.	
,,	An *Odina Wodier* tree in full leaf, Eastern Bengal and Assam.	,,	A 713.	Q 139.	
Olea europœa.	*Olea europœa* tree growing in the Torkhan Valley near Harnai, Baluchistan.		A 145.		
,,	*Olea europœa* and *Dodonœa viscosa* trees growing at Torkhan Tangi near Harnai in the Thal-Chotiali District, Baluchistan.		A 146.		
,,	*Olea europœa* trees growing near Torkhan Rest House in the Thal-Chotiali District, Baluchistan.		A 147.		
,,	*Olea europœa* trees growing in the Torkhan Valley near Harnai in the Thal-Chotiali District, Baluchistan.		A 148.		
Ougeinia dalbergioides.	* Dense growth of pure young poles of *Ougeinia dalbergioides*, average girth 5′-4″, average height 16′, number of stems per acre 11,500; Tirsal forest, Dehra Dun, United Provinces.	T. B. Chitrakar.	A 507.	T 70.	
,,	* Young *Sál* pole forest mixed with *Sain* and *Ougeinia dalbergioides*, sample plot No. 3 of Siwalik Division, United Provinces.	T. B. Chitrakar.	A 510.	T 73.	

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Ougeinia dalbergioides—concld.	* Dense natural reproduction of *Ougeinia dalbergioides*, height about 4′. Experimental plot No. 5 of Siwalik Division, United Provinces.	T. B. Chitrakar.	A 511.	T 74.	
Pentacme suavis.	Ingyin (*Pentacme suavis*) tree in Shweli Forest. Mongmit State, Upper Burma.	J. W. Oliver.	A 256.	T 16.	
Picea Morinda.	*Quercus semecarpifolia* forest with natural undergrowth of Spruce (*Picea Morinda*) and silver fir (*Abies Pindrow*) Jaunsar, United Provinces.		A 44. A 45.	U 28. U 2.	
„	*Spruce* (*Picea Morinda*) closed to grazing and showing a dense undergrowth, Jaunsar, United Provinces.		A 54.	U 20.	
„	*Spruce* (*Picea Morinda*) forest open to grazing and shewing the absence of all undergrowth, Jaunsar, United Provinces.		A 55.	U 21.	
„	Spruce (*Picea Morinda*) forest closed to grazing above the path and open below it, Jaunsar, United Provinces.		A 56.	U 22.	
„	Spruce forest (*Picea Morinda*), Jaunsar Division, United Provinces.		A 47.	U 12.	
„	Mundali forest, showing dry spruce (*Picea Morinda*) and silver fir (*Abies Pindrow*) girdled to make way for deodar (*Cedrus Deodara*) advance growth, Jaunsar, United Provinces.		A 61.	U 84.	
„	* *Picea Morinda* sown June 1910, seedling eight months old. R. I. Sylvicultural garden, Surajbagh, Dehra Dun.	T. B. Chitrakar.	A 283.	S 123.	

* Not available for issue at present.

A.—Sylviculture.

Picea Morinda—*concld.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Picea Morinda—concld.	View over deodar forest of Bodyar, Jaunsar, United Provinces, chiefly deodar mixed with *Picea Morinda*.	R. S. Troup.	A 392.	S 19.	
,,	Spruce and silver fir forest killed prior to felling, by villagers intending to use the land for temporary cultivation. Top of Tons Valley (above Datmir) near entrance to Harki Dun in Tehri State, United Provinces. Altitude about 9,000′.	E. A. Courthope.	A 425.	S 61.	
,,	Clearing in Deodar, spruce and silver fir forest made by Mr. Wilson and afterwards cultivated by villagers of Durabi, Tehri State, United Provinces, near Harsil.	,,	A 436.	S 96.	
,,	Mature spruce (*Picea Morinda*) and silver fir (*Abies Pindrow*) forest; portion above road closed to grazing, portion below road open, Jaunsar, United Provinces.	B. O. Coventry.	A. 491.	U 23.	
,,	* Forest of silver fir and spruce, with younger silver fir of different ages coming up in a slight opening in the canopy, Kanjatra, Chakrata Division, United Provinces, 19th September 1911.	R. S. Troup.	A 630.	S 209.	
,,	* Good natural regeneration of spruce, up to 18′ high, in a large gap in spruce forest. Elevation 8,500′. Aspect N. Kanjatra, Chakrata Division, United Provinces, 19th September 1911.	,,	A 632.	S 211.	
Pinus excelsa .	Hill slope planted with Deodar (*Cedrus Deodara*) and *Pinus excelsa*, Jaunsar, United Provinces.		A 46.	U 16.	

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Pinus excelsa —contd.	Young Deodar (*Cedrus Deodara*) growth coming away under *Pinus excelsa* which has been lopped and topped, Jaunsar, United Provinces.		A 57.	U 1.	
„	Young Deodar (*Cedrus Deodara*) crop saved by girdling *Pinus excelsa* standing over it, Jaunsar, United Provinces.		A 59.	U 90.	
„	Planting up bare hill-side with Deodar (*Cedrus Deodara*) and *Pinus excelsa* in lines, Jaunsar, United Provinces.		A 68.	U 89.	
„	*Pinus excelsa* and *Pinus Gerardiana* trees growing on the Shinghar hills situated near Fort Sandeman in the Zhob District, Baluchistan.		A 144.		
„	Dense reproduction of Deodar and *Pinus excelsa* resulting from practically clear felling carried out by late Mr. Wilson about sixty years ago. Harsil (8,000 feet), Tehri State, United Provinces.	E. A. Courthope.	A 426	S 67.	
„	*Pinus excelsa*. Small Deodar in middle. United Provinces.		A 285.		
„	Clear felling of Deodar near Harsil in Tehri State made by late Mr. Wilson about sixty years ago. In most places reproduction of Deodar and *Pinus excelsa* coming in thick, as shown in other photos taken in same locality. This photo. shows the density of forest felled by Mr. Wilson.	E. A. Courthope.	A 435.	S 95.	
„	Natural regeneration of Deodar and Blue Pine (*Pinus excelsa*). Konain, Jaunsar Division, United Provinces.	B. O. Coventry.	A 488.	U 7.	

A.—Sylviculture.

Pinus excelsa—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Pinus excelsa —contd.	Deodar and Blue Pine (*Pinus excelsa*) plantation. Bodyar, Jaunsar, United Provinces.	B. O. Coventry.	A 500.	U 10.	
,,	Mixed forest at Lambatach, principally *Pinus excelsa* and *Cupressus torulosa*. The boundary path shows the boundary between fire-protected and open forest. Jaunsar, United Provinces.	Penchelu Reddi.	A 287.		
,,	Natural regeneration of *Pinus excelsa* and *Cupressus torulosa*. Osna, Jaunsar, United Provinces.		A 300.		
,,	* Dense pure forest of blue pine on old cultivated land, the result of 40 years' protection from fire. Konain, Chakrata Division, United Provinces. 21st September 1911.	R. S. Troup.	A 633.	S 212.	
,,	* Deodar plantation with natural *kail* standing over it: *kail* lopped to allow deodar to come up. Konain, Chakrata Division, United Provinces. 23rd September 1911.	,,	A 643.	S 220.	
,,	* Temporary forest nursery, containing chiefly deodar plants 3 years old. In foreground deodar 1 year old in nursery beds. *Pinus excelsa* in blanker looking beds in centre. Koti Kanasar, Chakrata Division, United Provinces. 26th September 1911.	,,	A 648.	S 225.	
,,	* Three *Pinus excelsa* nursery plants, each 3 year old, (centre one 2 feet 1 inch from top of shoot to tip of root). Koti Kanasar, Chakrata Division, United Provinces. 26th September 1911.	,,	A 652.	S 229.	

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Pinus excelsa—concld.	* Deodar, chir pine, and blue pine; reproduction coming up in chir forest where the chir and deodar zones meet. Altitude 6,000 feet. Aspect N.-W. Koti Kanasar, Chakrata Division, United Provinces. 1st October 1911.	R. S. Troup.	A 654 to 658.	S 231 to 235.	
„	* Sample plot No. 10 of Chakrata Division, United Provinces. Dense natural pole crop of pure *Pinus excelsa* unthinned. Koti Kanasar, Chakrata Division, United Provinces. 2nd October 1911.	„	A 659 and 660.	S 237 and 238.	
„	* Sample plot No. 9 of Chakrata Division, United Provinces. Pure natural pole crop of *Pinus excelsa* thinned. Koti Kanasar, Chakrata Division, United Provinces. 2nd October 1911.	„	A 661.	S 239.	
Pinus Gerardiana.	*Pinus Gerardiana* and *Pinus excelsa* trees growing on the Shinghar hills situated near Fort Sandeman in the Zhob District, Baluchistan.		A 144.		
Pinus Khasya.	*Pinus Khasya* and paddy; a rare combination. *Pinus Khasya* growing near paddy fields in Southern Shan States, Burma.	G. R. Long.	A 209.		
„	Young *Pinus Khasya* forest immediately above the teak belt, 3,000 feet above sea level. Pakokku Hill Tracts, Upper Burma.		A 319.		
„	Mature *Pinus Khasya* forest immediately above the teak belt, 3,000 feet above sea level. Pakokku Hill Tracts, Upper Burma.		A 320.		

* Not available for issue at present.

A.—Sylviculture.

Pinus Khasya—*concld.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Pinus Khasya—concld.	Illustrates the comparative growth of *Pinus Khasya* and *Cryptomeria japonica* on a moist soil near experimental farm, Upper Shillong. View taken from opposite hillside.	W. F. Perrée.	A 306 to 314.		
Pinus longifolia.	Regeneration in *Pinus longifolia* forest. Kaligadh Block, Naini Tal, United Provinces.	E. A. Courthope.	A 2.		
,,	Regeneration fellings in *Pinus longifolia* forest. Kaligadh Block, Naini Tal, United Provinces.	F. A. Leete.	A 3.		
,,	First regeneration fellings in *Pinus longifolia* forest. Kaligadh Block, Naini Tal, United Provinces.	E. A. Courthope.	A 4.		
,,	Mixed *Shorea robusta* and *Pinus longifolia* forest, 4,500 feet. Garhwal, Ganges Division, United Provinces.	W. H. Lovegrove.	A 6.		
,,	Blank closing up with *Pinus longifolia* after 15 years' protection. Garhwal, Ganges Division, United Provinces.	,,	A 7.		
,,	Good *Pinus longifolia*, natural regeneration, 5,000 feet. Garhwal, Ganges Division, United Provinces.	,,	A 8.		
,,	*Pinus longifolia* forest 6,000 feet. Middle Garhwal, Ganges Division, United Provinces.	,,	A 9.		
,,	*Pinus longifolia* forest. Inner Garhwal, Ganges Division, United Provinces.	,,	A 10.		
,,	*Pinus longifolia* forest. Middle Garhwal, Ganges Division, United Provinces.	,,	A 11.		
,,	Poor mixed forest with *Pinus longifolia* under protection. Garhwal, Ganges Division, United Provinces.	,,	A 12.		

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Pinus longifolia—contd.	Natural regeneration of *Shorea robusta* with *Pinus longifolia*, 4,500 feet. Garhwal, Ganges Division, United Provinces.	W. H. Lovegrove.	A 13.		
,,	Effect of grazing on regeneration of *Pinus longifolia*. Above the path is open to grazing; no advance growth. Below the path closed to grazing; good advance growth. Jaunsar, United Provinces.		A 62.	U 18.	
,,					
,,	*Pinus longifolia* forest; seed felling completed. Jaunsar, United Provinces.		A 63.	U 34.	
,,	*Pinus longifolia* forest. A successful seed felling. Jaunsar, United Provinces.		A 64.	U 36.	
,,	*Pinus longifolia* forest ready for final felling. Jaunsar, United Provinces.		A 65.	U 38.	
,,	*Pinus longifolia* forest; final felling completed. Jaunsar, United Provinces.		A 66.		
,,	*Pinus longifolia* forest growing on almost bare quartzite at 40° slope. Jaunsar, United Provinces.		A 67.	U 11.	
,,	View in a *Pinus longifolia* forest in the Shahpur Kundi, Punjab.		A 125 and 126.		
,,	*Pinus longifolia* on quartzite rocks. Kulni, Jaunsar Division, United Provinces.		A 137.		
,,	*Pinus longifolia* forest in Kulni Valley, Jaunsar Division, United Provinces.	F. Gleadow.	A 138.	U 35.	
,,	Forest of *Pinus longifolia* in Bashahr State, Punjab.	J. H. Lace.	A 260.	T 24.	

A.—Sylviculture.

Pinus longifolia—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Pinus longifolia—contd.	* *Pinus longifolia* artificially raised; seedlings nine months old. F. R. I. Sylvicultural garden, Surajbagh, Dehra Dun, United Provinces.	T. B. Chitrakar.	A 281.	S 46.	
,,	*Pinus longifolia* forest near Thadiar, Jaunsar, United Provinces; regenerated crop in foreground.	Penchelu Reddi.	A 288.		
,,	Splendid *Pinus longifolia* regeneration twelve years old.		A 297.		
,,	*Pinus longifolia* below Kulni, Jaunsar, United Provinces.		A 305.		
,,	* *Pinus longifolia* plantation, nineteen years old; Baldhoti compartment 4, Naini Tal Division, United Provinces.	R. S. Troup.	A 324 and 325.	Q 73 and 74.	
,,	* *Pinus longifolia* plantation twenty-three years old; Baldhoti Compartment 3, Naini Tal Division, United Provinces.	,,	A 326 and 327.	Q 75 and 76.	
,,	* Coppice shoots of *Pinus longifolia* on a fire-line. Shoots 2 to 3 feet high. Naini Tal Forest Division, United Provinces.	,,	A 328.	Q 79.	
,,	* Dense young forest of *Pinus longifolia* and *Quercus incana* mixed with some seed bearers still standing. Naini Tal Division, United Provinces.	,,	A 329.	Q 80.	
,,	* *Pinus longifolia* and oak (*Quercus incana*) mixed, Chir poles up to 60 feet high with lower storey of oak. Naini Tal Division, United Provinces.	,,	A 330.	Q 81.	
,,	* Mixture of *Pinus longifolia* and *Quercus incana*; the *Pinus longifolia* outgrowing the oak. Naini Tal Division, United Provinces.	,,	A 331.	Q 82.	

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Pinus longifolia—contd.	* Regeneration of *Pinus longifolia* on a fire-line burnt annually for twenty years. Young *Pinus longifolia* cut back periodically. Naini Tal Division, United Provinces.	R. S. Troup.	A 332.	Q 83.	
,,	* *Pinus longifolia* forest regenerated under the uniform method. Naini Tal Division, United Provinces.	,,	A 341.	Q 86.	
,,	* Mixed young forest of *Pinus longifolia* and *Quercus incana* with old pine seed bearers. Bhowali, Naini Tal Division, United Provinces.	,,	A 342.	Q 87.	
,,	* Young crop of *Pinus longifolia* mixed with *Quercus incana*, regenerated under the uniform method. Naini Tal Division, United Provinces.	,,	A 343.	Q 88.	
,,	Dense *Pinus longifolia* wood before opening out for regeneration, Naini Tal, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.		A 352.	V 39.	
,,	Seeding fellings in *Pinus longifolia* in Naini Tal Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.		A 354.	V 42.	
,,	Condition of a crop after the preparatory fellings in *Pinus longifolia*. Naini Tal Forest Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.		A 355.	V 43.	

* Not available for issue at present.

A.—Sylviculture.

Pinus longifolia—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Pinus longifolia—contd.	*Pinus longifolia* plantation, Kalamath Block, nine years old. Naini Tal Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.		A 357.	V 48.	
„	*Pinus longifolia* plantation, thirty years old. Baldoti Block, Naini Tal, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.		A 358.	V 52.	
„	*Pinus longifolia* pole forest with some mature trees. Naini Tal, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.		A 359.	V 55.	
„	*Pinus longifolia* area regenerated and unregenerated. A close view, Naini Tal Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.		A 360 and 361.	V 61 and 62.	
„	Secondary felling in *Pinus longifolia*, Naini Tal Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.		A 362.	V 58.	
„	* *Pinus longifolia* in the Siwaliks associated with broad leaved species on sandstone rock. Siwalik Division, United Provinces.	R. S. Troup.	A 368.	Q 3.	
„	* *Pinus longifolia* forest open to fire and hence having no reproduction, Kunigadh, Jaunsar Division, United Provinces. Altitude about 6,000 feet.	„	A 386.	S 13.	

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Pinus longifolia—contd.	* *Pinus longifolia*; group of advance growth up to 30 feet high, younger growth in foreground as a result of seeding fellings, forest worked under uniform method. Molta, Jaunsar, United Provinces. Altitude 6,000 feet.	R. S. Troup.	A 391.	S 18.	
,,	* *Pinus longifolia* forests of the Tons Valley, Jaunsar, United Provinces. View up the valley from Molta.	,,	A 393.	S 20.	
,,	* *Pinus longifolia* reproduction after seeding felling. Molta, Jaunsar, United Provinces. Altitude 6,000 feet.	,,	A 394.	S 21.	
,,	* *Pinus longifolia* forest showing 100 feet fire-line. View overlooking the Tons Valley from Molta, Jaunsar, United Provinces. On the other side *Pinus longifolia* forest below, and deodar forest above.	,,	A 396	S 23.	
,,	* *Pinus longifolia* mixed with Ban oak (*Quercus incana*) and Rhododendron (*R. arboreum*) typical of the upper limit of the Chir pine. Molta, Jaunsar, United Provinces. Altitude 7,400 feet.	,,	A 397.	S 24.	
,,	* *Pinus longifolia* forest under uniform method. Reproduction just starting in a seeding felling; height up to 2 feet. Molta, Jaunsar, United Provinces. Altitude 6,000 feet.	,,	A 399.	S 45.	
,,	*Pinus longifolia* forest in Bhilangra Valley, Tehri State, United Provinces.	E. A. Courthope.	A 429.	S 72.	
,,	*Pinus longifolia* reproduction in Naini Tal Division near Ranikhet. Photo taken in 1903.	,,	A 431.	S 75.	

* Not available for issue at present.

A—Sylviculture.

Pinus longifolia—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Pinus longifolia—contd.	Oak forest lopped. *Pinus longifolia* coming as a result of lopping. Tehri State, United Provinces.	E. A. Courthope.	A 434.	S 94.	
,,	*Pinus longifolia* forest regenerated under the uniform method. Unregenerated mature wood in background. Jaunsar Division, United Provinces.		A 493.	U 61.	
,,	*Pinus longifolia* seedlings coming up in upper limits of *Sál* forest, Garhwal Himalayas, United Provinces.		A 494 and 495.	V 65 and 64.	
,,	Chir pine (*Pinus longifolia*) coming up in upper limits of *Sál* forest, Garhwal Himalayas, United Provinces.		A 497.	U 41.	
,,	Chir pine (*Pinus longifolia*) and *Sál* (*Shorea robusta*) near the upper limits of *Sál*. Garhwal Himalayas, United Provinces.		A 498.	U 40.	
,,	Plantation of *Pinus longifolia* at Lachiwala, Dehra Dun, United Provinces.	T. B. Chitrakar.	A 506.	T 69.	
,,	* Effect of fire (2 years previous) on *Pinus longifolia* in the Siwaliks, United Provinces, trees up to 18 feet in height.	R. S. Troup.	A 517.	Q 64.	
,,	* *Pinus longifolia* on the uppermost crests of the Siwaliks, United Provinces. Altitude about 2,300 feet.	,,	A 518.	Q 65.	
,,	* *Pinus longifolia* forests on the upper crests of the Siwaliks, United Provinces. View from main watershed looking south over Ranipur.	,,	A 519.	Q 66.	
,,	* Reproduction of *Pinus longifolia* mixed with *Sál*, *Buchanania latifolia* and *Anogeissus latifolia* on the upper ridges of the Siwaliks, United Provinces. Altitude about 2,300 feet.	,,	A 520.	Q 67.	

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Pinus longifolia — concld.	Young *Pinus longifolia* coming up in *Sál* forests, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	A 557. A 559.	T 154. T 156.	
„	Young *Pinus longifolia* coming up in *Sál*. Result of two years' protection against grazing. Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	„	A 569.	T 166.	
„	*Pinus longifolia* after seven years' protection against grazing. Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	„	A 580.	T 177.	
„	*Sál*, *Pinus longifolia* and *Banj* growing together. Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	„	A 581.	T 178.	
„	Dense wood of *Pinus longifolia* before opening out for regeneration. Naini Tal, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.		A 585.	V 31.	
„	* Deodar, chir pine and blue pine reproduction coming up in chir forest where the chir and deodar zones meet. Altitude 6,000 feet. Aspect N.-W. Koti Kanasar, Chakrata Division, United Provinces. 1st October 1911.	R. S. Troup.	A 654 to 658.	S 231 to 235.	
Piptadenia oudhensis.	*Piptadenia oudhensis* about 25 feet high, Gonda Division, United Provinces.	„	A 276.	Q 70.	

* Not available for issue at present.

A.—Sylviculture.

Plantation.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Plantation.	A plantation raised by cultivators near Quetta, Baluchistan.		A 157.		
Platanus orientalis.	*Platanus orientalis* and *Populus alba* trees growing along Lytton Road at Quetta, Baluchistan.		A 165.		
Populus alba.	*Populus alba* trees raised at Quetta Cantonments for shade, Baluchistan.		A 167.		
,,	*Platanus orientalis* and *Populus alba* trees growing along Lytton Road at Quetta, Baluchistan.		A 165.		
,,	*Populus alba* and *Populus nigra* trees growing along Lytton Road at Quetta, Baluchistan.		A 166.		
Populus euphratica.	*Populus euphratica* tree on alluvion along the Indus, Bombay.		A 80.	T 49.	
Populus nigra	*Populus alba* and *Populus nigra* trees growing along Lytton Road at Quetta, Baluchistan.		A 166.		
Porcupines.	Trunk of a *Dhak* tree, the lower portion of which has been ringed by Porcupines. Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	A 225.	S 159.	
,,	Trunk of a *Terminalia belerica*, the lower portion of which has been ringed by porcupines. Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	A 226 & 227.	S 162. & 163.	
,,	A view of *khair* forest showing the damage done to trees by porcupines. Gohri Range, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	A 248 A 573.	T 147 T 170.	

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Porcupines—concld.	A *khair* trunk, the lower portion of which has been damaged by porcupines. Gohri Range, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	A 574.	T 171.	
Prosopis spicigera.	*Prosopis spicigera* tree growing in lands beyond reach of river, Bombay.		A 79.	T 53.	
,,	*Prosopis spicigera* trees growing in the Gulu Shahr State Reserve, Baluchistan.		A 141.		
Prunus armeniaca.	*Prunus armeniaca* in the Zangi Lora plantation near Quetta, Baluchistan.		A 155.		
,,	*Prunus armeniaca* and *Elæagnus angustifolia* trees growing in the Zangi Lora plantation near Quetta, Baluchistan.		A 156.		
,,	A *Prunus armeniaca* tree growing on the Hudda village lands near Quetta, Baluchistan.		A 158.		
,,	*Prunus armeniaca* trees growing along Bazar Road at Quetta in winter, Baluchistan.		A 160.		
Quercus dilatata.	*Quercus dilatata* forest lopped. Chir coming in as a result of lopping, Tehri State, United Provinces.	E. A. Courthope.	A 434.	S 94.	
,,	Young oak forest (*Quercus dilatata*); Cheena Block, C. 11, Naini Tal, United Provinces.	,,	A 23 & 24.	S 63 & 59.	
,,	Oak pole forest (*Quercus dilatata*); Cheena Block, C. 7, Naini Tal, United Provinces.	,,	A 25.		
,,	*Quercus dilatata*, selection fellings for fuel in oak forest, Cheena Block, C. 7, Naini Tal, United Provinces.	,,	A 26.	S 78.	

A.—Sylviculture.

Quercus dilatata—*concld.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Quercus dilatata—concld.	Deodar (*Cedrus Deodara*) and oak (*Quercus dilatata*) plantation, Cheena Block, C. 7, Naini Tal, United Provinces.	E. A. Courthope.	A 27.		
,,	* *Quercus dilatata* sown July 1910; seedling nine months old. F. R. I. Sylvicultural garden, Surajbagh, Dehra Dun.	T. B. Chitrakar.	A 282.	S 122.	
Quercus incana.	* Dense young forest of *Pinus longifolia* and *Quercus incana* mixed with some seed bearers still standing. Naini Tal Division, United Provinces.	R. S. Troup.	A 329.	Q 80.	
,,	* *Pinus longifolia* and *Quercus incana* mixed. Chir poles up to 60 feet high with lower storey of *Quercus incana*. Naini Tal Division, United Provinces.	,,	A 330.	Q 81.	
,,	* Mixture of *Pinus longifolia* and *Quercus incana*, the pine outgrowing the oak. Naini Tal Division, United Provinces.	,,	A 331.	Q 82.	
,,	* *Quercus incana* pole forest. Sample plot No. 6 of Naini Tal Division, United Provinces.	,,	A 334.	Q 78.	
,,	* Sample plot No. 2 of Naini Tal Division, United Provinces, *Quercus incana* forest.	,,	A 339 and 340.	Q 84 and 85.	
,,	* Mixed young forest of *Quercus incana* and *Pinus longifolia*, with old pine seed bearer. Bhowali, Naini Tal Division, United Provinces.	,,	A 342.	Q 87.	
,,	* Young crop of *Quercus incana* mixed with *Pinus longifolia* regenerated under the uniform method. Naini Tal Division, United Provinces.	,,	A 343.	Q 88.	

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Quercus incana—concld.	* *Pinus longifolia* with Ban oak (*Quercus incana*) and Rhododendron (*R. arboreum*), typical of the upper limit of the Chir pine. Molta, Jaunsar, United Provinces. Altitude 7,400 feet.	R. S. Troup.	A 397.	S 24.	
,,	Specimen of lopped oak (*Quercus incana*) in Tehri State, United Provinces.	E. A. Courthope.	A 432.	S 77.	
,,	*Sál*, *Chir* and *Quercus incana* growing together. Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	A 581.	T 178.	
,,	Coppice coupe of *Quercus incana* forests, after the fellings. Naini Tal, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.		A 586.	V 35.	
Quercus semecarpifolia.	*Quercus semecarpifolia* forest with natural undergrowth of Spruce (*Picea Morinda*) and Silver fir (*Abies Pindrow*). Jaunsar, United Provinces.		A 44. and 45.	U 28 and 2.	
,,	Mature *Q. semecarpifolia* forest open to grazing and shewing the absence of all undergrowth, Jaunsar, United Provinces.		A 53.	U 19.	
,,	* *Quercus semecarpifolia* showing natural reproduction springing up where light is admitted. Deoban, Jaunsar, United Provinces. Altitude 9,100 feet.	R. S. Troup.	A 390.	S 17.	
,,	* View from Deoban, 9,000 feet, *Quercus semecarpifolia* trees in foreground. Chakrata Division, United Provinces. 12th October 1911.	,,	A 662.	S 240.	

* Not available for issue at present.

A.—Sylviculture. Quercus semecarpifolia—*contd.* Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Quercus semecarpifolia—contd.	* Sample plot No. 2 of Chakrata Division, United Provinces. *Quercus semecarpifolia* pole forest. Chakrata Division, United Provinces. 13th October 1911.	R. S. Troup.	A 663.	S 241.	
„	* Typical dense thicket of *Quercus semecarpifolia* reproduction, 10-15 feet high, sprung up on a blank below seed-bearers. Deoban 9,000 feet, Chakrata Division, United Provinces. 13th October 1911.	„	A 664.	S 242.	
„	Dense natural reproduction of *Quercus semecarpifolia* in an opened out overwood. Deoban, 9,000 feet, Chakrata Division, United Provinces. 13th October 1911.	„	A 665.	S 243.	
„	Dense natural reproduction of *Quercus semecarpifolia* on edge of wood, owing to abundance of light. Deoban, 9,000 feet, Chakrata Division, United Provinces. 13th October 1911.	„	A 666.	S 244.	
„	Fringe of natural reproduction of *Quercus semecarpifolia* all round edge of wood. Deoban, 9,000 feet, Chakrata Division, United Provinces. 13th October 1911.	„	A 667.	S 245.	
„	*Quercus semecarpifolia*. Dense crop of natural seedlings coming up in opened out forest, regeneration plot in Mohna block. Deoban, Chakrata Division, United Provinces. 17th September 1911.	„	A 627.	S 206.	
„	*Quercus semecarpifolia* forest, opened out; Mohna block, Chakrata Division, United Provinces. 17th September 1911.	„	A 628.	S 207.	

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Quercus semecarpifolia—concld.	Silver Fir (*Abies Pindrow*) coming up naturally in *Quercus semecarpifolia* forest, Mohna block, Chakrata Division, United Provinces. 17th September 1911.	R. S. Troup.	A 629.	S 208.	
,,	* Snow-break in dense pole crop of *Quercus semecarpifolia*. Elevation 9,000 feet. Aspect E. above Konain, Chakrata Division, United Provinces. 19th September 1911.	,,	A 631.	S 213.	
Reafforestation.	Reafforestation of Seminary Hill, Nagpur, Central Provinces.	S. Shalem.	A 616 to 619.		Appeared in "Ind. For." XXXVI, Jan.-Feb., 1910.
Rhododendron arboreum.	Young Deodar (*Cedrus Deodara*) growth coming away under girdled oaks (*Quercus semecarpifolia*) and *Rhododendron arboreum*. Jaunsar, United Provinces.		A 58.		
,,	* *Pinus longifolia* with *Ban* oak (*Quercus incana*) and *Rhododendron arboreum* typical of the upper limit of the chir pine. Molta, Jaunsar, United Provinces. Altitude 7,400 feet.	R. S. Troup.	A 397.	S 24.	
Saccharum Munja.	* Young *Sissoo* plants up to 10 feet high coming up naturally on new alluvial ground in a river-bed amongst *Munj* grass (*Saccharum Munja*, with the tall flowering stems) and *Aristida cyanantha* (the lower and finer grass in tufts) Dholkhand, Siwalik Division, United Provinces.	,,	A 366.	Q 1.	
Salix acmophylla.	Swampy ground near Quetta planted over mostly with *Salix acmophylla* trees, Baluchistan.		A 151.		
,,	A *Salix acmophylla* tree along the boundary of Dhobighat plantation near Quetta, Baluchistan.		A 153.		

* Not available for issue at present.

A.—Sylviculture.

Salix acmophylla—*concld.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Salix acmophylla—concld.	*Salix acmophylla* trees in Dhobighat plantation near Quetta, Baluchistan.		A 154		
Salvadora oleoides.	*Salvadora oleoides* trees growing in Dahpal State Reserve, Baluchistan.		A 142.		
Sample plots, Chakrata Division, United Provinces.	* Sample plot No. 2 of Chakrata Division, United Provinces. *Quercus semecarpifolia* pole forest. Chakrata Division, United Provinces. 13th October 1911.	R. S. Troup.	A 663.	S 241.	
,,	* Sample plot No. 7 of Chakrata Division, United Provinces. Deodar forest in which a thinning has just been made. Konain, Chakrata Division, United Provinces. 25th September 1911.	,,	A 647.	S 224.	
,,	* Sample plot No. 8 of Chakrata Division, United Provinces. Dense pure deodar forest, Konain, Chakrata Division, United Provinces. 23rd September 1911.	,,	A 642.	S 219.	
,,	* Sample plot No. 9 of Chakrata Division, United Provinces. Pure natural pole crop of *Pinus excelsa* thinned. Koti Kanasar, Chakrata Division, United Provinces. 2nd October 1911.	,,	A 661.	S 239.	
,,	* Sample plot No. 10 of Chakrata Division, United Provinces. Dense natural pole crop of pure *Pinus excelsa* unthinned. Koti Kanasar, Chakrata Division, United Provinces. 2nd October 1911.	,,	A 659 and 660.	S 237 and 238.	
Sample plots, Gonda Division, United Provinces.	* Sample plot No. 1 of Gonda Division, United Provinces. *Sál* coppice-with-standards. Coppice two years old. Tikri Forest.	T. B. Chitrakar.	A 533.	T 92.	

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Sample plots, Gonda Division, United Provinces—concld.	* Sample plot No. 2 of Gonda Division, United Provinces. *Sál* coppice-with-standards. Coppice two years old. Tikri Forest.	T. B. Chitrakar.	A 534.	T 93.	
,,	* Sample plot No. 3 of Gonda Division, United Provinces. Unthinned *Sál* pole forest.	,,	A 536.	T 95.	
,,	* Sample plot No. 4 of Gonda Division, United Provinces. Thinned *Sál* pole forest.	,,	A 537.	T 96.	
,,	* Experimental plot No. 3 and sample plot No. 6 of Gonda Division, United Provinces. *Sál* forest after regeneration felling has been made.	,,	A 547.	T 106.	
,,	* Sample plot No. 7 of Gonda Division, United Provinces. Fully stocked *Sál* pole forest, unthinned.	,,	A 545.	T 104.	
Sample plots, Haldwani Division, United Provinces.	* Sample plot No. 5 of Haldwani Division, United Provinces. *Dalbergia Sissoo* young pole forest.	R. S. Troup.	A 333.	Q 41.	
Sample plots, Naini Tal Division United Provinces.	* Sample plot No. 2 of Naini Tal Division, United Provinces. *Quercus incana* forest.	,,	A 339 and 340.	Q 84 and 85.	
,,	* Sample plot No. 6 of Naini Tal Division, United vinces. *Quercus incana* pole forest.	,,	A 334.	Q 78.	
Sample plots, Pilibhit Division, United Provinces.	* Sample plot No. 1 of Pilibhit Division, United Provinces. *Sál* forest of rather poor type.	T. B. Chitrakar.	A 197.	T 144.	
Sample Plots, Siwalik Division, United Provinces.	* Sample plot No. 3 of Siwalik Division, United Provinces, Tirsal Forest. Young *Sál* pole-forest mixed with *Sain* and *San-*	,,	A 510.	T 73.	

* Not available for issue at present.

A.—Sylviculture.

Sample plots, Siwalik Division, United Provinces—*concld.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Sample plots, Siwalik Division, United Provinces—concld.	* Sample plot No. 4 of Siwalik Division. Hill type of *Sál* forest in the Saharanpur Siwaliks, United Provinces. *Sál* mixed chiefly with *Buchanania latifolia.*	T. B. Chitrakar.	A 513 and 514.	T 76 and 77.	
,,	* Sample plot No. 5 of Siwalik Division, United Provinces. Natural crop of pure *Shisham* (*Dalbergia Sissoo*) on alluvial sand and gravel, Dholkhand, Siwalik Division, United Provinces.	,,	A 521.	T 80.	
,,	* Sample plot No. 6 of Siwalik Division, United Provinces, fully stocked natural forest of *Dalbergia Sissoo* and *Acacia Catechu* on alluvial sand and gravel, Dholkhand.	,,	A 522.	T 81.	
Santalum album.	The sandal-wood tree, *Santalum album*, Sirsi Range, Kanara, Bombay.	R. S. Fagan.	A 92.		
Schleichera trijuga.	*Schleichera trijuga* trees, height 45 feet (on left) and 35 feet (on right). Beribara, Siwalik Division, United Provinces.	R. S. Troup.	A 369.	Q 4.	
,,	*Schleichera trijuga* trees, Beribara, Siwalik Division, United Provinces.	,,	A 374.	S 1.	
Scrub .	Scrub jungle on slope of Popa Hill, Myingyan District, Upper Burma.	A. Rodger.	A 677.	P 23.	
Shorea obtusa.	A *Thitya* (*Shorea obtusa*), 14 feet girth; Toungoo Division, Burma.	J. J. Rorie.	A 206.		
Shorea robusta.	*Sál* forest, 4,000 feet, Garhwal, Ganges Division.	W. H. Lovegrove.	A 5.		
,,	Mixed *Shorea robusta* and *Pinus longifolia* forest, 4,500 feet, Garhwal, Ganges Division, United Provinces.	,,	A 6.		

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Shorea robusta—contd.	Natural regeneration of *Shorea robusta* and *Pinus longifolia*, 4,500 feet, Garhwal, Ganges Division, United Provinces.	W. H. Lovegrove.	A 13.		
,,	Cart road, tonga and *Sál* forest, Naini Tal, United Provinces.	,,	A 14.		
	On the right thick *Sál* forest, on the left stunted *Sál* growth annually cut back by frost, Kheri, United Provinces.	R. C. Milward.	A 15.		
,,	View at Dudwa looking down the Sathiana 15 feet road, Kheri, United Provinces.	,,	A 16.		
,,	Advance growth of *Shorea robusta* into the Changa Nala plain, Kheri, United Provinces.	,,	A 17.		
,,	Camp in *Sál* forest, Kheri, United Provinces.	F. A. Leete.	A 18.		
,,	*Sál* coppice-with-standards, immediately after fellings; Bahraich, United Provinces.	,,	A 19.		Appeared in "Indian Forester," Volume XXXII, 1906.
,,	Chakia *Sál* forest, after completion of improvement fellings; Bahraich, United Provinces.	,,	A 20.		
,,	Untouched forest (principally *Shorea robusta*) of all ages up to poles; Bahraich, United Provinces.	,,	A 21.		
,,	*Sál* coppice-with-standards, seven months after felling; Bahraich, United Provinces.	,,	A 22.		Appeared in "Indian Forester," Volume XXXII, 1906.
,,	*Sál* forest, fire-protected, shewing good natural regeneration, Dehra Dun, United Provinces.		A 28.	U 5.	
,,	Typical *Sál* tree (*Shorea robusta*), Dehra Dun, United Provinces.		A 29.	U 39.	

A.—Sylviculture.
Shorea robusta—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Shorea robusta —contd.	*Sál* forest not fire-protected, shewing poor natural regeneration and distorted growth, Dehra Dun, United Provinces.		A 31.	U 4.	
„	*Sál* pole forest, Dehra Dun, United Provinces.		A 34.	U 37.	
„	Example of damage done to young *Sál* trees by frost, Ganges Division, United Provinces.		A 69.	U 32.	
„	Dense growth of *Sál* seedlings under *Eugenia operculata*, Dehra Dun, United Provinces.		A 70.	U 39.	
„	*Eugenia operculata* trees on an area frequently burnt, showing absence of young *Sál* underneath, Dehra Dun, United Provinces.		A 71.		
„	*Eugenia operculata* trees on an area protected from fire, showing abundant *Sál* growth coming up underneath. Dehra Dun, United Provinces.		A 72.	U 91.	
„	Root system of the *Sál* tree (*Shorea robusta*).		A 74.	U 85.	
„	* *Sál* forest killed by drought of 1907 and 1908; Mailani, Kheri Division, United Provinces.	R. S. Troup.	A 115 and 116.	Q 15 and 16.	
„	*Mixture of natural *Sál* in a teak plantation at Ramgarh, Gorakhpur Division, United Provinces.	T. B. Chitrakar.	A 181.	T 115.	
„	* *Sál* coppice shoots with standards; coppice seven years old. Coupe 11 of Ramgarh forest, Gorakhpur Division, United Provinces.	„	A 188.	T 122.	

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Shorea robusta—contd.	* Natural *Sál* forest before conversion into coppice-with-standards. Coupe 20 of Ramgarh, Gorakhpur Division, United Provinces.	T. B. Chitrakar.	A 189.	T 123.	
,,	*Experimental plot No. 1, of Pilibhit Division, United Provinces. Bushy growth of *Shorea robusta* on fire-protected "Chandar," Nawadia, Pilibhit Division, United Provinces.	,,	A 190.	T 137.	
,,	* Experimental plot No. 2, of Pilibhit Division, United Provinces. Bushy growth of *Shorea robusta* on burnt "Chandar" land Nawadia, Pilibhit Division, United Provinces.	,,	A 191.	T 138.	
,,	* Bushy growth of *Shorea robusta* on burnt "Chandar," Pilibhit Division, United Provinces.	,,	A 192.	T 139.	
,,	* *Shorea robusta*. "Chandar" in Pilibhit Division, United Provinces, fire protected on right, burnt on left of road.	,,	A 193.	T 140.	
,,	* *Shorea robusta* reproduction springing upon a "Chandar" in the neighbourhood of sheltered trees, Pilibhit Division, United Provinces.	,,	A 194.	T 141.	
,,	* Root stock of *Shorea robusta* produced on "Chandar" land, Pilibhit Division, United Provinces.	,,	A 195.	T 142.	
,,	* Root stocks of *Shorea robusta* produced on "Chandar" land, Pilibhit Division, United Provinces.	,,	A 196.	T 143.	
,,	* Sample plot No. 1 of Pilibhit Division, United Provinces. *Sál* forest of rather poor type.	,,	A 197.	T 144.	

* Not available for issue at present.

A.—Sylviculture.

Shorea robusta—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Shorea robusta—contd.	*Poor type of open *Sál* forest, Pilibhit Division, United Provinces.	T. B. Chitrakar.	A 198.	T 145.	
,,	*Shorea robusta* poles showing the effects of annual frost, Chaukham block, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	A 211.	S 131.	
,,	A view of Dalina *Sál* forest, Lansdowne Division, United Provinces, showing the effects of annual frost on crop. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	A 212.	S 132.	
,,	A *Sál* sapling standing in a *Chaur* (big blank) Hathikund, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	A 216.	S 142.	
,,	A *Sál* tree, girth about 12½'. Height about 100 feet, Koluchaur, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	A 217.	S 143.	
,,	Growing *Sál* tree before the fellings, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	A 231.	S 133.	
,,	Bamboo and *Sál* forests, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	A 232.	S 158.	

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Shorea robusta —contd.	A tract of *Sál* forest, Koluchaur, Lansdowne Division, United Provinces, showing the effects of annual frost. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	A 233.	S 130.	
,,	*Sál* forest, Lansdowne Division, United Provinces, showing the attacks of annual frost. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	A 234.	S 136.	
,,	*Sál* saplings, Hathikund block, Lansdowne Division, United Provinces, showing the effect of annual frost. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	A 235.	S 138.	
,,	A selection improvement forest, Lansdowne Division, United Provinces. Mature tree and young *Sál* beneath. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	A 236.	S 140.	
,,	A view of Dalnia forest, Lansdowne Division, United Provinces, forests showing the attacks of annual frost. Received from United Provinces Exhibition Allahabad, 1910-11.	,,	A 237.	S 144.	
,,	*Sál* saplings, United Provinces. Received from United Provinces Exhibition, Allahabad.	,,	A 238.	S 145.	
,,	**Sál* plants raised from seed from coppice shoots. Seedlings five years old, height 3—4½ feet, Gonda Division, United Provinces.	R. S. Troup.	A 272.	Q 68.	

* Not available for issue at present.

I.—Sylviculture.

Shorea robusta—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Shorea robusta —contd.	*Shorea robusta* near Kansrau, Dehra Dun, United Provinces.		A 296.		
,,	Effect of frost (1905) on the foliage of *Shorea robusta*.	Penchelu Reddi.	A 299.		
,,	*Sál* coppice under standards, Asarori, Dehra Dun.	,,	A 303.		
,,	*Sál* pole forest with some mature trees, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	A 356.	V 44.	
,	*Sál* coppice-with-standards coupe, Bahraich, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	H. Jackson.	A 365.	V 64.	
,,	* *Sál* forest worked on the uniform method in the final stage; young growth in foreground and older trees awaiting final felling in background, Thano Forest, Dehra Dun, United Provinces.	R. S. Troup.	A 372 and 373.	Q 7 and 8.	
,,	*Dense *Sál* pole forest, more or less even-edged, average height 35 feet. Lachiwala, Dehra Dun, United Provinces.	,,	A 404.	S 51.	
,,	* Dense *Sál* reproduction, average 20 feet high, with old trees, chiefly *Terminalia tomentosa*, standing over the young crop, Kheri, United Provinces.	,,	A 408.	Q 23.	
,,	* Group of young *Sál* about 20 feet high and one or two old seed bearers in open grassy plain, showing how *Sál* springs up round seed bearers in the open where frost is not dangerous, Kheri, United Provinces.	,,	A 409.	Q 22.	

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Shorea robusta —contd.	* Dense *Sál* reproduction, average 20 feet high with old trees, *Sál* and *Sain*, standing over the young crop, Kheri, United Provinces.	R. S. Troup.	A 410.	Q 25.	
„	* Even-edged *Sál* forest about 60 feet high, Kheri, United Provinces.	„	A 411.	Q 20.	
„	* Even-aged dense *Sál* growth, average 40 feet high, Kheri Division, United Provinces.	„	A 412.	Q 19.	
„	* Dudwa camping ground, Kheri, United Provinces, showing mature *Sál* forest with undergrowth all cleared away.	„	A 413.	Q 21.	
„	* Cart road and fire-line through *Sál* forest, Kheri, United Provinces.	„	A 414.	Q 24.	
„	* *Sál* plantation of 25 years formed by sowing in lines 18 feet apart, Kota Range, Garhwal Division, United Provinces.	„	A 450 and 451.	Q 51 and 52.	
„	* *Sál* reproduction, up to 15 feet in height, sprung up as a result of 8 years' closure to grazing, Bhalaon, Garhwal Division, United Provinces.	„	A 452 and 453.	Q 53 and 54.	
„	* *Sál* tree in flower: other *Sál* trees in background, Garhwal, United Provinces.	„	A 454.	Q 55.	
„	* Bushy young *Sál* in grassy area burnt annually. Requires protection to bring it up, Garhwal, United Provinces.	„	A 455.	Q 56.	
„	* Even-aged *Sál* pole forest on an elevated alluvial flat of gravelly loam at the base of the hills. Height about 35 feet, Halduparao, Ganges Division, United Provinces.	„	A 456.	Q 57.	

* Not available for issue at present.

A.—Sylviculture.

Shorea robusta—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Shorea robusta—contd.	* Typical group of *Sál* trees coming up on an open grassy plain, sprung from isolated seed bearers. Height 60-70 feet, Garhwal, United Provinces.	R. S. Troup.	A 457.	Q 58.	
„	* Even-aged *Sál* forest. Height about 70 feet. Garhwal, United Provinces.	„	A 458.	Q 59.	
„	* *Sál* sowings 3 years old. Height of plants up to 2 feet, Ghatura, Kota Range, Garhwal, United Provinces.	„	A 459.	Q 60.	
„	* *Sál* pole forest more or less even-aged. Average girth 2½ feet: average height of dominant stems 66 feet, undergrowth scanty and composed chiefly of *Clerodendron*, Garhwal, United Provinces.	„	A 460.	Q 61.	
„	*Pinus longifolia* seedlings coming up in upper limits of *Sál* forest, Garhwal Himálayas, United Provinces.		A 494 and 495.	U 65 and 64.	
„	*Sál* (*Shorea robusta*) trees damaged by frost, United Provinces.		A 496.	U 67.	
„	*Chir* pine (*Pinus longifolia*) coming up in upper limits of *Sál* forest, Garhwal Himalayas, United Provinces.		A 497.	U 41.	
„	*Chir* pine (*Pinus longifolia*) and *Sál* (*Shorea robusta*) near the upper limits of *Sál*. Garhwal Himalayas, United Provinces.		A 498.	U 40.	
„	* Effect of frost in killing back *Sál* poles and causing internal unsoundness, Dehra Dun, United Provinces.	T. B. Chitrakar.	A 501 and 502.	T 64 and 65.	

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Shorea robusta—contd.	* Effect of the great frost of 1905 on *Sál* poles as seen six years later, Tirsal Forest, Siwalik Division, United Provinces.	T. B. Chitrakar.	A 503.	T 66.	
,,	* Natural reproduction of *Shorea robusta* coming up on a heap of road metal, Dehra Dun, United Provinces.	,,	A 504.	T 67.	
,,	* Natural reproduction of *Sál* (seedlings of one rains) along the side of a cart track, Dehra Dun, United Provinces.	,,	A 505.	T 68.	
,,	* Young *Shorea robusta* pole forest mixed with *Sain* (*Terminalia tomentosa*) and *Sandan* (*Ougeinia dalbergioides*). Sample plot No. 3 of Siwalik Division, United Provinces, Tirsal forest.	,,	A 510.	T 73.	
,,	* Hill type of *Sál* forest in the Saharanpur Siwaliks, United Provinces. *Shorea robusta* mixed chiefly with *Buchanania latifolia*. (Sample plot No. 4 of Siwalik Division.)	,,	A 513 and 514.	T 76 and 77.	
,,	* Reproduction of *Pinus longifolia* mixed with *Shorea robusta*, *Buchanania latifolia* and *Anogeissus latifolia* on the upper ridges of the Siwaliks, United Provinces. Altitude about 2,300 feet.	R. S. Troup.	A 520.	Q 67.	
,,	* *Sál* coppice with-standards, Tikri forest, Gonda Division, United Provinces. Coppice two years old.	T. B. Chitrakar.	A 526.	T. 85.	
	* *Sál* coppice-with-standards, Tikri forest, Gonda Division, United Provinces. Coppice 5 years old.	,,	A 527.	T 86.	

* Not available for issue at present.

A.—Sylviculture.

Shorea robusta—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Shorea robusta —contd.	* Effect of drought on *Sál* coppice-with-standards. Tikri forest, Gonda Division, United Provinces.	T. B. Chitrakar.	A 528.	T 87.	
„	* Experimental plot No. 1 of Gonda Division, United Provinces. *Sál* coppice twenty years old with standards; immediately before the felling of coppice; average height of coppice 37 feet.	„	A 529.	T 88.	
„	* *Sál* coppice-with-standards, just felled, Tikri forest, Gonda Division, United Provinces.	„	A 530.	T 89.	
„	* Drought of 1907 and 1908. Trees killed by the drought. Dry wood fellings not yet commenced. Tikri *Sál* forest, Gonda Division, United Provinces.	„	A 531.	T 90.	
„	* Drought of 1907 and 1908. Dry wood fellings completed and material stacked. Tikri *Sál* forest, Gonda Division, United Provinces.	„	A 532.	T 91.	
„	* Sample plot No. 1 of Gonda Division, United Provinces. *Sál* coppice-with-standards; coppice two years old, Tikri forest.	„	A 533.	T 92.	
„	* Sample plot No. 2 of Gonda Division, United Provinces. *Sál* coppice-with-standards; coppice two years old, Tikri forest.	„	A 534.	T 93.	
„	* Experimental plot No. 1 of Gonda Division, United Provinces. *Sál* coppice-with-standards. The coppice just cut.	„	A 535.	T 94.	
„	* Sample plot No. 3 of Gonda Division, United Provinces. Unthinned *Sál* pole forest.	„	A 536.	T 95.	

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Shorea robusta —contd.	* Sample plot No. 4 of Gonda Division, United Provinces. Thinned *Sál* pole forest.	T. B. Chitrakar.	A 537.	T 96.	
,,	* Experimental plot No. 3 of Gonda Division, United Provinces. *Sál* forest before a regeneration felling has been made.	,,	A 544.	T 103.	
,,	* Sample plot No. 7 of Gonda Division, United Provinces, fully stocked *Sál* pole forest, unthinned.	,,	A 545.	T 104.	
,,	* Fully stocked even-aged *Sál* pole forest, average girth 2½ feet and average height 70 feet, Gonda Division, United Provinces.	,,	A 546.	T 105.	
,,	* Experimental plot No. 3 and sample plot No. 6 of Gonda Division, United Provinces. *Sál* forest after regeneration felling has been made.	,,	A 547.	T 106.	
,,	* Original *Sál* forest not yet felled for coppice-with-standards. Height about 50 feet, W. Lehra forest, Gorakhpur Division, United Provinces.	,,	A 548.	T 107.	
,,	* *Sál* coppice-with-standards. Coppice coupe of previous year failed owing chiefly to most of the trees felled having suffered from drought two years previously. West Lehra forest, Gorakhpur Division, United Provinces.	,,	A 549.	T 108.	
,,	* *Sál* coppice-with-standards. Coppice one year old, fairly successful, chiefly 3 to 5 feet high. West Lehra forest, Gorakhpur Division, United Provinces.	,,	A 550.	T 109.	

* Not available for issue at present.

A.—Sylviculture.

Shorea robusta—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Shorea robusta —contd.	* *Sál* coppice-with-standards. A successful coupe. Coppice one year old, chiefly 3 to 5 feet high and exceptionally 7 feet high. West Lehra forest, Gorakhpur Division, United Provinces.	T. B. Chitrakar.	A 551.	T 110.	
,,	* *Sál* coppice-with-standards. Coppice two years old, up to 15 feet in height. Growth and density good. West Lehra forest, Gorakhpur Division, United Provinces.	,,	A 552.	T 111.	
,,	* Effect of drought on *Sál* standards killed in coppice-with-standards by the drought of 1908 and 1909. West Lehra Forest, Gorakhpur Division, United Provinces.	,,	A 553.	T 112.	
,,	* *Sál* coppice with standards, coppice eight years old. Average height of coppice 17 feet, maximum 26 feet. West Lehra Forest, Gorakhpur Division, United Provinces.	,,	A 554.	T 113.	
,,	Young *Chir* pine coming up in *Sál* forest, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	A 557 A 559.	T 154. T 156.	
,,	Young *Chir* pine coming up in *Sál* forest; result of two years' protection against grazing, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	A 569.	T 166.	
,,	Gohri forest, area not burnt; good regeneration of *Sál*. Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	A 570.	T 167.	

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Shorea robusta —contd.	*Sál, Chir,* and *Banj* growing together, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	A 581.	T 178.	
„	Appearance of a *Sál* forest (Jalpaiguri Division) which was subjected to numerous fires 30 years previously, but successfully protected since then. Eastern Bengal and Assam.	B. C. Sen Gupta.	A 682.	Q 92.	
„	Appearance of a *Sál* forest (Jalpaiguri Division) before improvement felling. Eastern Bengal and Assam.	„	A 683.	Q 93.	
„	Appearance of a *Sál* forest after improvement felling. Eastern Bengal and Assam.	„	A 684.	Q 94.	
„	An extraordinary case of healthy, stout coppice shoots from a *Sál* tree of over 7 feet girth which was felled in the improvement felling in Muraghat forests (Jalpaiguri Division) as an overmature tree. Eastern Bengal and Assam.	„	A 693.	Q 108.	
„	Good natural reproduction of *Sál* under parent trees in a forest which was reserved for two years only. (The object was to show that though as a rule, we do not get good natural regeneration of *Sál* under the parent trees in a well protected forest, it is excellent in an unprotected area.) Eastern Bengal and Assam.	„	A 695.	Q 110.	
„	*Sál* seedlings coming up well under the deep shade of *Macaranga denticulata* (to show the shade enduring power of *Sál* in the young stage.) Eastern Bengal and Assam.	„	A 696.	Q 111.	

A.—Sylviculture.

Shorea robusta—*concld.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Shorea robusta—concld.	Appearance of a *Sál* coupe (Muraghat forests, Jalpaiguri Division), one year after the improvement felling. Eastern Bengal and Assam.	B. C. Sen Gupta.	A 697.	Q 112.	
,,	Appearance of a *Sál* coupe (Muraghat forests, Jalpaiguri Division), after two successive years' cleaning after the improvement felling and just before the third year's cleaning. Eastern Bengal and Assam.	,,	A 698.	Q 113.	
,,	Appearance of a *Sál* coupe (Muraghat forests, Jalpaiguri Division) after two successive years' cleaning after the improvement felling and just after third year's cleaning. Eastern Bengal and Assam.	,,	A 699.	Q 114.	
,,	A mature *Sál*, leafless. Eastern Bengal and Assam.	,,	A 700.	Q 126.	
,,	A mature *Sál*, in full leaf. Eastern Bengal and Assam.	,,	A 701.	Q 127.	
Snow	* Snow-break in dense pole crop of *Quercus semecarpifolia*. Elevation 9,000 feet. Aspect E: above Konain, Chakrata Division, United Provinces, 19th September 1911.	R. S. Troup.	A 631.	S. 213.	
,,	* Damage by snow in deodar pole forest. Aspect N. N. W. Elevation 6,000 feet, Koti Kanasar, Chakrata Division, United Provinces. 1st October 1911.	,,	A 653.	S 230.	
Sterculia villosa	A *Sterculia villosa*, leafless. Eastern Bengal and Assam.	B. C. Sen Gupta.	A 706.	Q 132.	
	A *Sterculia villosa*, in full leaf. Eastern Bengal and Assam.	,,	A 707.	Q 133.	

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Stephegyne parvifolia.	**Stephegyne parvifolia* tree, height 78 feet, girth 27 feet 6 inches. Dholkhand, Siwalik Division, United Provinces.	T. B. Chitrakar.	A 159.	T 125.	
,,	**Stephegyne parvifolia* tree, height 78 feet, girth 27 feet 16 inches. Dholkhand, Siwalik Division, United Provinces.	R. S. Troup.	A 367.	Q 2.	
Symplocos cratægoides.	*Symplocos cratægoides*, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	A 228.	S 139.	
Tamarix articulata.	*Tamarix articulata* trees in Gulu Shahr Reserve, Baluchistan.		A 143.		
Taungya .	A large *Taungya*. It extends over all the country visible except the hills on left. Southern Shan States, Burma.	G. R. Long.	A 207		
,, .	The treeless Myelat (middle country) a plateau about 3,500 feet high on west of Southern Shan States, Burma. Almost completely denuded of trees by shifting cultivation and demands of local populace.	,,	A 208.		
,, .	A bird's eye view of two patches of *Taungya* in teak-bearing forest, the more distant one about 250 acres. Pakokku Hill Tracts, Upper Burma.		A 315.		
,, .	*Taungya* patch in the teak belt and within 50 yards of Reserve boundary; a large proportion of the stumps are teak. Pakokku Hill Tracts, Upper Burma.		A 316.		
,, .	*Taungya* showing teak stumps and half-burnt logs. Pakokku Hill Tracts, Upper Burma.		A 317.		

* Not available for issue at present.

A.—Sylviculture.

Taungya—*concld.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Taungya—concld.	The Tè Chaung where it leaves the boundary of Pakokku Hill Tracts. The width of this stream is getting greater every year at the expense of cultivated land. The direct result of denudation of the hill slopes by the *Taungya* cutting Chins, Upper Burma.		A 318.		
,,	*Taungya* Fuel Reserve, Southern Shan States, Burma.	G. R. Long.	A 620 to 625.		
,,	*Taungya* clearing in Southern Shan States, Burma.	W. H. Craddock.	A 626.		
Tectona grandis	Cutch (*Acacia Catechu*) tree with teak and Cutch sowings in flowered bamboos, Bwet Forest, Prome Division, Burma.	J. W. Oliver	A 36.	T 7.	
,,	Teak *Taungya* plantation in Môkka forest, Tharrawaddy Division, Burma.		A 37.	T 29.	
,,	*Tectona grandis*, Burma.		A 81.	T 10.	
,,	Teak pole forest with one year old coppice in foreground, Balgaum.	H. Murray.	A 95.		
,,	Young teak plantation, Nilambur, South Malabar Division, Madras.		A 100.		
,,	Large teak tree, Anamalais, South Coimbatore Division, Madras.		A 103.		
,,	View of teak growing in mixed forest with bamboos, Central Provinces.		A 106.	T 46.	
,,	Stump of teak tree girdled and felled between 1830 and 1840, showing stump of new tree produced from original, and stool-shoots of 3rd generation from latter, on being girdled in 1898 (at Bitakat) Burma.		A 127.		
,,	Teak trees of 1830-1840 at Bitakat, simulating planting, Burma.		A 128.		

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Tectona grandis —contd.	Ficus-bound teak tree of 16 feet girth, Burma.		A 129.		
,,	Model teak tree of 1830-1840 at Bitakat, Burma.		A 130.		
,,	Thengannyinaung-Wenyaw teak plantation of 1856. Taken April 1894, Burma.		A 131.		
,,	Teak tree grown from stump of tree girdled and felled between 1830 and 1840, Burma.		A 132.		
,,	Vigorous *Taungya* teak plant of six months, two-thirds natural size, Burma.		A 133.		
,,	Teak plantation 12 feet × 4 feet of five seasons, Burma.		A 134.		
,,	Teak of 1830-1840 at Bitakat, showing stool-shoots of 2½ seasons from tree girdled, girth 7 feet 6 inches condition of lease in 1888-89, Burma.		A 135.		
,,	* Dense natural reproduction of teak in 40 year old teak plantation, Ramgarh, Gorakhpur Division, United Provinces.	T. B. Chitrakar.	A 180.	T 114.	
,,	* Mixture of natural *Sál* in a teak plantation at Ramgarh, Gorakhpur Division, United Provinces.	,,	A 181.	T 115.	
,,	* Dense natural reproduction of teak chiefly two or three feet high, in a 40-year old teak and Sissoo plantation at Ramgarh, Gorakhpur Division, United Provinces. Girdled Sissoo over the young teak.	,,	A 182.	T 116.	
,,	* Dense natural reproduction of teak up to 15 feet high in a 50-year-old teak plantation at Ramgarh, Gorakhpur Division, United Provinces.	,,	A 183.	T 117.	

* Not available for issue at present.

A.—Sylviculture.

Tectona grandis—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Tectona grandis—contd.	* Dense natural reproduction of teak chiefly two or three feet high in a teak and Sissoo plantation at Ramgarh, Gorakhpur Division, United Provinces. Sissoo trees girdled over the young teak.	T. B. Chitrakar.	A 184.	T 118.	
,,	Flowered *tin* (*Cephalostachyum pergracile*) bamboo area. Ground covered with young bamboo with dead standing bamboo in foreground. A teak tree behind. Toungoo Division, Burma.	J. J. Rorie.	A 201.		
,,	A *ficus*-bound teak tree, Toungoo Division, Burma.	,,	A 203.		
,,	Green teak tree 16 feet girth. Toungoo Division, Burma.	,,	A 204.		
,,	Teak regeneration on a fire trace. One year old seedlings, Toungoo Division, Burma.	,,	A 205.		
,,	Teak in evergreen forest near Mogaung, Upper Burma.	J. W. Oliver.	A 251 and 252.		A 251 appeared in "Ind. For." XXXI-416, 1905.
,,	Grove of teak, Mohnyin Reserve, Katha, Upper Burma.	,,	A 254.		
,,	Teak trees in evergreen forest on Zagun Chaung, South of Mogaung, Upper Burma.	,,	A 264.	T 63.	Appeared in "Ind. For. Rec.," Vol. III, Pt. I. Troup.—*A Note on some Statistical and other Information regarding the Teak Forests of Burma, 1911.*
,,	Patch of unmixed teak forest in Mohnyin Reserve, Katha, Upper Burma.	,,	A 266 and 269.		

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Tectona grandis —contd.	Thudawma teak plantation, Ainggye Reserve, Pyinmana, Burma. Planted 1893.	J. W. Oliver.	A 267 and 268.		
,,	The Sipnadeo and its child. Largest teak in the Melghat, Ellichpur, Berar, Central Provinces.		A 278.		
,,	Sipnadeo. Biggest teak in Melghat, Berar, Central Provinces, 90 feet high, 9 feet 10 inches girth.		A 280.		
,,	A bird's eye view of two patches of *taungya* in teak-bearing forest, the more distant one about 250 acres. Pakokku Hill Tracts, Upper Burma.		A 315.		
,,	*Taungya* patch in the teak belt and within 50 yards of the reserve boundary; a large proportion of the stumps are teak. Pakokku Hill Tracts, Upper Burma.		A 316.		
,,	*Taungya* showing teak stumps and half-burnt logs, Pakokku Hill Tracts, Upper Burma.		A 317.		
,,	* Teak sown 6th March 1911; seedlings about two months old. F. R. I. Sylvicultural Garden, Dehra Dun.	T. B. Chitrakar.	A 349.	T 195.	
,,	* Pure teak forest, rather open. Mohnyin Reserve, Katha, Upper Burma.	R. S. Troup.	A 375.	S 2.	
,,	Pure teak forest, Mohnyin Reserve, Katha, Upper Burma. Teak tree in centre, with man at base, 11 feet 4 inches in girth, 135 feet high, 93 feet bole. Estimated to contain 320 cubic feet of timber.	,,	A 376.	S 3.	Appeared in "Ind. For. Rec.," Vol. III, Part I. Troup.—*A Note on some Statistical and other Information regarding the Teak Forests of Burma, 1911.*

* Not available for issue at present.

A.—Sylviculture.

Tectona grandis—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Tectona grandis—contd.	Teak tree, height 152 feet, girth 10 feet 3 inches, bole 93 feet. Estimated to contain 282 cubic feet of timber. Mohnyin Reserve, Katha, Upper Burma.	R. S. Troup.	A 377.	S 4.	Appeared in "Ind. For. Rec.," Vol. III, Part I. Troup.—*A Note on some Statistical and other Information regarding the Teak Forests of Burma, 1911.*
„	Teak reproduction in Yeni Reserve, Pyinmana Division, Upper Burma, where much dragging of timber has taken place. Negative copied from a photo. by J. H. Lace.	J. H. Lace.	A 405.	T 1.	
„	Teak growing under *Kanyin* (*Dipterocarpus alatus*), Kaing Reserve, Pyinmana Division, Upper Burma. Negative copied from a photo. by J. H. Lace.	„	A 406.	T 2.	
„	Teak with *tinwa* (*Cephalostachyum pergracile*) showing two girdled and two green teak; nearest teak 11 feet 9 inches in girth. Lana, Bhamo District, Upper Burma. Negative copied from a photo. by J. H. Lace.	„	A 407.	T 3.	Appeared in "Ind. For. Rec.," Vol. III, Part I. Troup.—*A Note on some Statistical and other Information regarding the Teak Forests of Burma, 1911.*
„	*Ficus*-bound teak tree. Girth over *ficus* 17 feet 5 inches. Saing-Yane Reserve, Toungoo Division, Burma.	„	A 437.	S 102.	
„	Teak natural reproduction in experimental regeneration area of 1908. Compartment 8, Mohnyin Reserve, Katha Division, Upper Burma. Plants of two rains' growth.	„	A 438.	S 103.	

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Tectona grandis—contd.	Teak in Mohnyin Reserve, Katha, Upper Burma. Girth 11 feet 6 inches at breast height.	J. H. Lace.	A 439.	S 104.	
„	Teak natural reproduction in experimental regeneration area of 1907. Compartment 8, Mohnyin Reserve, Katha Division, Upper Burma. Plants of 3 years' growth.	„	A 440.	S 105.	
„	Teak natural reproduction in experimental area No. 1. Compartment 8, Mohnyin Reserve, Katha Division, Upper Burma. Area not burnt, but weeded since 1906; plants of 4 rains' growth.	„	A 441.	S 106.	
„	Pure teak forest in Bilumyo Reserve, Katha Division, Upper Burma.	„	A 442.	T 59.	
„	Teak forest on flat, Zibyubin, Saing Yane Reserve, Toungoo Division. A *Dillenia* tree to the right of the teak.	„	A 443.	T 60.	Appeared in "Ind. For. Rec.," Vol. III, Part I. Troup.—*A Note on some Statistical and other Information regarding the Teak Forests of Burma, 1911.*
„	Teak at Minye, Toungoo Division, Burma. Girth 11 feet 7 inches. Height 80 to 90 feet.	„	A 444.	T 61.	
„	Natural reproduction of teak in flowered *tinwa* (*Cephalostachyum pergracile*), Myitkyina Division, Burma. Brushwood cut but area not yet burnt. Young teak weak and generally crooked. It is intended to burn the area and cut back the teak.	„	A 445.	T 62.	

A.—Sylviculture.

Tectona grandis—*concld.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Tectona grandis—concld.	Myodwin Teak Plantation, Zigon Division, Burma. Age about 40 years.		A 499.	T 21.	
„	Damage done to teak trees by fire, Pegu Yoma, Burma.	A. Rodger.	A 669 to 673.	P 7 to 11.	Appeared in "Indian Forester," Volume XXXIII (1907), page 17 illustrating article on "Effects of Fire in Teak Forests."
„	Natural teak, Taungdwingyi, Magwe District, Upper Burma.	„	A 674.	P 16.	
Terminalia belerica.	Trunk of *Terminalia belerica*, the lower portion of which has been ringed by porcupines. Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	A 226 & 227.	S 162 & 163.	
„	*Terminalia belerica*, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	„	A 247.	T 146.	
„	Mature *Terminalia belerica*, leafless. Eastern Bengal and Assam.	B. C. Sen Gupta.	A 702.	Q 128.	
„	Mature *Terminalia belerica*, in full leaf. Eastern Bengal and Assam.	„	A 703.	Q 129.	
Terminalia Chebula.	The *Harra* tree, *Terminalia Chebula*. Sirsi Range, Kanara, Bombay.	R. S. Fagan.	A 91.	T 56.	
Terminalia tomentosa.	*Terminalia tomentosa*, Dehra Dun, United Provinces.		A 32.	U 3.	
„	*Terminalia tomentosa*, Burma.		A 43.	T 6.	
„	View of high forest showing a large tree of *Terminalia tomentosa* girdled two years before felling, Belgaum.	H. Murray.	A 93.		

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Terminalia tomentosa—contd.	Large *Terminalia tomentosa* tree, Anamalais, South Coimbatore Division, Madras.		A 102.		
„	*Terminalia tomentosa*, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	A 250.	T 151.	
„	* Dense *Sál* reproduction, average 20 feet high, with old trees, chiefly *Terminalia tomentosa*, standing over the young crop. Kheri, United Provinces.	R. S. Troup.	A 408.	Q 23.	
„	* Dense *Sál* reproduction, average 20 feet high, with old trees, *Sál* and *Sain*, (*Terminalia tomentosa*) standing over the young crop, Kheri, United Provinces.	„	A 410.	Q 25.	
„	* Natural reproduction of *Terminalia tomentosa*, seedlings of one rain, height about 4 feet 6 inches. Dehra Dun, United Provinces.	T. B. Chitrakar.	A 508.	T 71.	
„	* Young *Sál* pole forest mixed with *Terminalia tomentosa* and *Sandan*. Sample plot No. 3 of Siwalik Division, United Provinces, Tirsal Forest.	„	A 510.	T 73.	
„	* Dense natural reproduction of *Terminalia tomentosa*, height up to 6 feet, with a few plants 8 feet high. Experimental plot No. 4 of Siwalik Division, United Provinces, Tirsal Forest.	„	A 512.	T 75.	
„	* Natural reproduction of *Terminalia tomentosa* about 15 feet high on alluvial ground. Gonda Division, United Provinces. Older forest of *Terminalia tomentosa* on left.	„	A 538.	T 97.	

* Not available for issue at present.

A.—Sylviculture.

Terminalia tomentosa. —*concld.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Terminalia tomentosa—concld.	* Young natural reproduction of *Terminalia tomentosa* up to 2 feet high on alluvial ground. Gonda Division, United Provinces.	T. B. Chitrakar.	A 539.	T 98.	
„	* Natural reproduction of *Terminalia tomentosa* up to 8 feet high on alluvial land. Gonda Division, United Provinces.	„	A 540.	T 99.	
„	**Terminalia tomentosa* trees 20 to 40 feet high grown up on alluvial land. Gonda Division, United Provinces.	„	A 541.	T 100.	
„	* Pure forest of *Terminalia tomentosa* on alluvial ground approaching maturity, Gonda Division, United Provinces.	„	A 542.	T 101.	
„	* A *Terminalia tomentosa* tree, girth 12 feet 4 inches, Gonda Division, United Provinces.	„	A 543.	T 102.	
Tetrameles nudiflora.	Enormous exposed root system of a healthy specimen of the *Baing* tree (*Tetrameles nudiflora*) growing on a steep slope. The size can be gauged from the appearance of the four men seated on and among the roots. Upper Chindwin Division, Upper Burma.		A 323.		
Thyrsostachys Oliveri.	*Thanawa* (*Thyrsostachys Oliveri*) Shweli forest, Upper Burma.	J. W. Oliver.	A 259.	T 14.	
Thyrsostachys siamensis.	*Tiyowa* (*Thyrsostachys siamensis*), Upper Burma.	W. J. Fane.	A 270 and 271.	S. 55 and 54.	
Tiger claw marks.	Trunk of *Bischofia Javanica* showing tiger claw marks. Sonanadi Range, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	A 575.	T 172.	

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Xylia dolabriformis.	*Xylia dolabriformis* (with man at base). *Homalium tomentosum* on left, in upper mixed forest, Burma.	J. W. Oliver.	A 82.	T 18.	Appeared in "Ind. For.," XXXI, 296, 1905.
„	Pole forest showing almost pure growth of *Xylia dolabriformis* (*Jamba*) Belgaum.	H. Murray.	A 94.		
„	* *Xylia dolabriformis*, artificially raised, sown 3rd July 1911, plant about 3 months old. Sylvicultural garden, Surajbagh, Forest Research Institute, Dehra Dun. 15th October 1911.	T. B. Chitrakar.	A 636.	T 206.	
Zizyphus Jujuba.	*Zizyphus Jujuba* trees growing at Harnai at an altitude of 3,000 feet in the Thal-Chotiali District, Baluchistan.		A 150.		
Zizyphus xylopyra.	**Zizyphus xylopyra*, artificially raised seed sown 3rd July 1911, plant about 3 months old. Sylvicultural garden, Surajbagh, Forest Research Institute, Dehra Dun. 15th October 1911.	T. B. Chitrakar.	A 637.	T 207.	

* Not available for issue at present.

Abies Pindrow.

B.—Botany.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Abies Pindrow	* *Abies Pindrow* cones immediately before ripening. Bodyar, Chakrata Division, United Provinces, 7th October 1911.	R. S. Troup.	B 86.	S 249.	
Acacia Catechu	*Bark of Acacia Catechu*, Burma.	H. Slade.	B 23.		
,,	Song river above Lachiwala showing a patch of *Acacia Catechu* forest with *Saccharum Munja* and *Saccharum Spontaneum* at edge.	T. B. Chitrakar.	B 57 and 58.	T 26 and 42.	No. 57 appeared in Ind. For. Mem. Bot. Series, Vol. I, Pt. I. Hole.—*On some Indian Forest Grasses and their Œcology.*
Adina cordifolia.	*Adina cordifolia* bark, Burma.	H. Slade.	B 38.		
Adina sessilifolia.	*Adina sessilifolia* bark (Bur. *Teing*) Burma.	,,	B 39.		
Æcidium Cedri	* Top of deodar pole attacked by the fungus *Æcidium Cedri*. Koti Kanasar, Chakrata Division, United Provinces, 2nd October 1911.	R. S. Troup.	B 84.	S 236.	
Albizzia procera	*Albizzia procera* bark, Burma	H. Slade.	B 25.		
Albizzia stipulata.	*Albizzia stipulata* bark, Burma.	,,	B 24.		
Anogeissus acuminata.	*Anogeissus acuminata* bark, Burma.	,,	B 29.		
Aristida cyanantha.	*Triraphis madagascariensis* with *Aristida cyanantha.*	T. B. Chitrakar.	B 59.	T 126.	Appeared in Ind. For. Mem. Bot. Series, Vol. I, Pt. I. Hole.—*On some Indian Forest Grasses and their Œcology.*

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Bombax malabaricum.	*Bombax malabaricum* bark, Burma.	H. Slade.	B 9.		
,,	Flowers of *Bombax malabaricum*, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	B 71.	S 168.	
Briedelia retusa	*Briedelia retusa*, bark, Burma.	H. Slade.	B 47.		
Butea frondosa	*Butea frondosa* flowers, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	B 70 and 76.	S 170 and 166.	
,,	Flowers and Pods of *Butea frondosa*, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	B 75.	S 164.	
Careya arborea	*Careya arborea* bark, Burma.	H. Slade.	B 31.		
Cassia Fistula	*Cassia Fistula* bark, Burma.	,,	B 21.		
Cedrus Deodara	* Deodar branch covered with ripe male cones. Konain, Chakrata Division, United Provinces, 20th September 1911.	R. S. Troup.	B 80.	S 210.	
	* Deodar branch showing 4 female cones at time of fertilization, and axis of an old cone of last year. Konain, Chakrata Division, United Provinces, 20th September 1911.	,,	B 81.	S 214.	
,,	* Deodar female cones just before opening. Konain, Chakrata Division, United Provinces, 21st September 1911.	,,	B 82.	S 215.	
,,	* Deodar female cones of 2 successive years on same branch, and axis of former cones. Konain, Chakrata Division, United Provinces, 21st September 1911.	,,	B 83.	S 216.	

* Not available for issue at present.

B.—Botany.

Cedrus Deodara—*concld.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Cedrus Deodara —concld.	* Top of Deodar pole attacked by the fungus *Æcidium Cedri*. Koti Kanasar, Chakrata Division, United Provinces, 2nd October 1911.	R. S. Troup.	B 84.	S 236.	
Cicca albizzioides.	*Cicca albizzioides* bark, Burma.	H. Slade.	B 46.		
Cratoxylon neriifolium.	*Cratoxylon neriifolium* bark, Burma.	„	B 3.		
Dalbergia cultrata.	*Dalbergia cultrata* bark, Burma.	„	B 16.		
Dendrocalamus strictus.	*Dendrocalamus strictus* seedling in flower, Patiala State. Punjab.		B 55.	U 60.	
Dillenia pentagyna.	*Dillenia pentagyna* bark, Burma.	H. Slade.	B 2.		
Diospyros tomentosa.	*Diospyros tomentosa* root suckers. Raipur, Central Provinces.	A. E. Lowrie.	B 48 to 51.		
Dipterocarpus lævis.	*Dipterocarpus lævis* bark, (Bur. *Kanyin*), Pegu Yoma, Burma.	H. Slade.	B 4.		
Dipterocarpus tuberculatus.	*Dipterocarpus tuberculatus* bark, Burma.	„	B 5.		
Duabanga sonneratioides.	*Duabanga sonneratioides* bark, Burma.	„	B 34.		
Dying back .	Dying back of seedlings .		B 52.		
Erianthus Ravennae.	*Erianthus Ravennae* near Kansrau, Dehra Dun, United Provinces	T. B. Chitrakar.	B 64 to 67.	T 131 to to 134.	Appeared in Ind. For. Mem., Bot. Series, Vol. I., Pt. I. Hole.—*On some Indian Forest Grasses and their Œcology.*
Erythrina lithosperma.	*Erythina lithosperma* bark, (Bur. *Ye Kathit*), Pegu Yoma, Burma.	H. Slade.	B 20.		
Erythrina ovalifolia.	*Erythrina ovalifolia*, bark, (Bur. *Kon Kathit*) Pegu Yoma, Burma.	„	B 19.		

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Eugenia Sp. .	*Eugenia Sp.* bark (Bur. *Thabye*), Pegu Yoma, Burma.	H. Slade.	B 30.		
Gardenia erythroclada.	*Gardenia erythroclada* bark (Bur. *Hman ni*) Pegu Yoma, Burma.	„	B 36.		
Garuga pinnata	*Garuga pinnata* bark, Burma.	„	B 12.		
Gmelina arborea.	*Gmelina arborea* bark, Burma.	„	B 45.		
Homalium tomentosum.	*Homalium tomentosum* bark, Burma.	„	B 35.		
Hopea odorata.	*Hopea odorata* bark, Burma.	„	B 8.		
Hymenodictyon excelsum.	*Hymenodictyon excelsum* bark, Burma.	„	B 41.		
Imperata arundinacea.	*Imperata arundinacea*, Dehra Dun, United Provinces.	T. B. Chitrakar.	B 68.	T 135.	Appeared in Ind. For. Mem. Bot. Series Vol. I, Pt. I, Hole. — *On some Indian Forest Grasses and their Œcology.*
Lagerstrōmia Flos-Reginæ.	*Lagerstrōmia Flos-Reginæ* bark, Burma.	H. Slade.	B 33.		
Lagerstrōmia villosa.	*Lagerstrōmia villosa* bark, Burma.	„	B 32.		
Millettia Brandisiana	*Millettia Brandisiana* bark, Burma.	„	B 18.		
Millettia leucantha.	*Millettia leucantha* bark, Burma.	„	B 17.		
Odina Wodier .	*Odina Wodier* bark, Burma	„	B 14.		
Pentacme sauvis.	*Pentacme sauvis* bark, Burma.	„	B 7.		
Pinus excelsa .	**Pinus excelsa* cones of present year, immediately before opening, and of previous year (opened). Bodyar, Chakrata Division, United Provinces, 7th October 1911.	R. S. Troup.	B 85.	S 248.	

* Not available for issue at present.

B.—Botany.

Podophyllum Emodi.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Podophyllum Emodi.	* *Podophyllum Emodi* growing naturally; fruiting plant on right. Deoban, Jaunsar, United Provinces. Altitude about 9,000 ft.	R. S. Troup.	B 53.	S 42.	
,,	*A fruiting specimen of *Podophyllum Emodi* showing rhizome and roots. June 1907, Jaunsar, United Provinces.	,,	B 54.	S 43.	
Pterospermum semi-sagittatum.	*Pterospermum semi-sagittatum* bark, Burma.	H. Slade.	B 11.		
Saccharum Narenga.	Gola Tappar showing *Saccharum Narenga*, Dehra Dun, United Provinces.	T. B. Chitrakar.	B 62.	T 129.	Appeared in Ind. For. Mem. Bot. Series, Vol. I., Pt. I. Hole.—*On some Indian Forest Grasses and their Œcology.*
Saccharum Munja.	Song river below Doiwala showing dry miscellaneous forest with *Saccharum Munja* and *Saccharum spontaneum* at edge. Dehra Dun, United Provinces.	,,	B 56.	T 23.	Ditto.
,,	Song river above Lachiwala showing a patch of *Acacia Catechu* forest with *Saccharum Munja* and *Saccharum spontaneum* at edge. Dehra Dun, United Provinces.	,,	B 57 and 58.	T 26 and 42.	Ditto.
,,	*Saccharum Munja* near Bullawala, Dehra Dun, United Provinces.	,,	B 6 and 61.	T 127 and 128.	
,,	*Saccharum Munja* in Satteewala Tappar, Dehra Dun, United Provinces.	,,	B 63.	T 130.	
,,	*Saccharum Munja* near Satteewala Tappar.	,,	B 69.	T 136.	

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Saccharum spontaneum.	Song river below Doiwala showing dry miscellaneous forest with *Saccharum Munja* and *Saccharum spontaneum* at edge. Dehra Dun, United Provinces.	T. B. Chitrakar.	B 56.	T 23.	Appeared in Ind. For. Mem. Bot. Series, Vol. I, Pt. I. Hole.—*On some Indian Forest Grasses and their Œcology.*
,,	Song river above Lachiwala showing a patch of *Acacia Catechu* forest with *Saccharum Munja* and *Saccharum spontaneum* at edge. Dehra Dun, United Provinces.	,,	B 57 and 58.	T 26 and 42.	
Sarcocephalus cordatus.	*Sarcocephalus cordatus* bark (Bur. *Mau*), Burma.	H. Slade.	B 37.		
Schleichera trijuga.	*Schleichera trijuga* bark, Burma.	,,	B 13.		
Shorea obtusa .	*Shorea obtusa* bark, Burma	,,	B 6.		
Shorea robusta .	A *sál* seed before germination. Eastern Bengal and Assam.	B. C. Sen Gupta.	B 87.	Q 115.	
,,	*Sál* seed burst and radicle coming out; only the point is seen. Eastern Bengal and Assam.	,,	B 88.	Q 116.	
	Sál seed burst and radicle coming out. Only the point is seen; more developed. Eastern Bengal and Assam.	,,	B 89.	Q 117.	
	Sál seed burst and radicle coming out, only the point is seen; still more developed. Eastern Bengal and Assam.	,,	B 90 and 91.	Q 118 and 119.	
,,	*Sál* seed burst and radicle coming out, only the point is seen. Cotyledons separated, but plumule not appeared as yet. Eastern Bengal and Assam.	,,	B 92.	Q 120.	

B.—Botany.

Shorea robusta—*concld.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Shorea robusta —concld.	*Sál* seed has burst and radicle coming out, only the point is seen; hypocotyl developed, but foliage leaves not appeared. Eastern Bengal and Assam.	B. C. Sen Gupta.	B 93.	Q 121.	
,,	*Sál* seed burst and radicle coming out; only the point is seen. First pair of foliage leaves partly developed but not unfolded as yet, while second pair of them appearing. Eastern Bengal and Assam.	,,	B 94.	Q 122.	
,,	*Sál* seed burst and radicle coming out; only the point is seen. Foliage leaves fully developed, but they are opposite. Eastern Bengal and Assam.	,,	B 95.	Q 123.	
,	*Sál* seed burst and radicle coming out, only the point is seen. A fully developed *sál* seedling. First pair of leaves opposite, then rest alternate. Eastern Bengal and Assam.	,,	B 96.	Q 124.	
,,	*Sál* seedling, several years old, which gave out new shoots every year before it could establish itself. Eastern Bengal and Assam.	,,	B 97.	Q 125.	
,,	*Sál* fruits (*Shorea robusta*), Garhwal, United Provinces.	F. A. Leete.	B 1.		
,,	*Triraphis madagascariensis* with *Aristida cyanantha* in dry torrent bed on edge of *Sál* forest near Kansrau, Dehra Dun, United Provinces.	T. B. Chitrakar.	B 59.	T 126.	Appeared in Ind. For. Mem. Bot. Series, Vol. I, Pt. I, Hole.—*On some Indian Forest Grasses and their Œcology.*
,,	* *Shorea robusta* seedlings one year old, F. R. I. Botanical Experimental garden, Dehra Dun, United Provinces.	,,	B 77, 78 and 79.	T 199, 200 and 148.	
Spondias mangifera.	*Spondias mangifera* bark, Burma.	H. Slade.	B 15.		

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Stephegyne diversifolia.	*Stephegyne diversifolia* bark (Bur. *Binga*), Burma.	H. Slade.	B 40.		
Sterculia versicolor.	*Sterculia versicoor* bark, Burma.	„	B 10.		
Stereospermum chelonoides.	*Stereospermum chelonoides* (Bur. *Thakut Po.*), Burma.	„	B 43.		
Stereospermum suaveolens.	Leaves and capsules of *Padal* (*Stereospermum suaveolens*), United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	B 72.	S 167.	
„	Flowers and capsules of *Padal* (*Stereospermum suaveolens*), United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	„	B 73.	S 169.	
„	Capsules of *Padal* (*Stereospermum suaveolens*), United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	„	B 74.	S 165.	
Strychnos Nux Vomica.	*Strychnos Nux Vomica* bark, Burma.	H. Slade.	B 42.		
Tectona grandis	*Tectona grandis* bark, Burma.	„	B 44.		
Terminalia belerica.	*Terminalia belerica* bark, Burma.	„	B 26.		
Terminalia Chebula.	*Terminalia Chebula* bark, Burma.	„	B 27.		
Terminalia tomentosa.	*Terminalia tomentosa* bark, Burma.	„	B 28.		
Triraphis madagascariensis.	*Triraphis madagascariensis* with *Aristida cyanantha* in dry torrent bed on edge of *Sál* forest near Kansrau, Dehra Dun, United Provinces.	T. B. Chitrakar.	B 59.	T 126.	Appeared in Ind. For. Mem. Bot. Series, Vol. I, Pt. I, Hole—*On some Indian Forest Grasses and their Œcology.*
Xylia dolabriformis.	*Xylia dolabriformis* bark (Bur. *Pyinkado*), Burma.	H. Slade.	B 22.		

C.—Forest Utilization.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Auction Sales.	*Auction Sales* held at Haldwani on 21st September 1903. D. F. O. on the right. Garhwal, United Provinces.	E. A. Courthope.	C 11.		
,,	Auction Sale, Kodibagh, Western Division, Kanara, Bombay. Received from United Provinces Exhibition, Allahabad, 1910-11.		C 110.		
Bamboos .	The quickest and easiest way of splitting bamboos. Eastern Bengal and Assam.	B. C. Sen Gupta.	C 117.	Q 99.	
Barking .	Barking a tree, Bombay .		C 13.		
Boat hull .	Hollow *sál* log for boat hull. Bahraich Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	H. Jackson	C 103 and 104.	V 45 and 46.	
Butea frondosa.	* *Butea frondosa* tree pollarded for the reception of lac; shoots of one year's growth. Ranipur, Siwalik Division, United Provinces.	R. S. Troup.	C 42.	Q 10 and 11.	
,,	* *Butea frondosa* trees immediately after lopping for cultivation of lac (*cf.* No. C 60) Ranipur, Siwalik Division.	,,	C 59.	S 38.	
,,	* *Butea frondosa* trees immediately before lopping for cultivation of lac (*cf.* No. C 59) Ranipur, Siwalik Division, United Provinces.	,,	C 60.	S 40.	
,,	* *Butea frondosa* trees indiscriminately lopped for lac without any system. Balaghat District, Central Provinces.	,,	C 58.	S 39.	
Carrying .	Sawing and carrying Deodar sleepers.		C 27.		

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Cedrus Deodara.	Sawing and carrying Deodar sleepers.		C 27.		
„	Large branchy Deodar tree lopped for felling in order to lessen damage to surrounding trees. Forest of deodar, *Kail*, *Moru oak* and poplar; clump of poplar round the lopped deodar. Bodyar, Jaunsar, United Provinces.	R. S. Troup.	C 56.	S 35.	Appeared in *Indian Forest Utilization* —Troup, 2nd Ed., 1912.
Charcoal .	Burning of charcoal, Naini Tal Forest Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.		C 95.	V 32.	
„	Forest charcoal depôt, Naini Tal Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.		C 98.	V 40.	
Charcoal Kiln .	Oven charcoal kilns burning, Kheri Division, United Provinces.	R. S. Troup.	C 65.	Q 17.	Appeared in *Indian Forest Utilization* —Troup, 2nd Ed., 1912.
„	Oven charcoal kilns, one opened, the other not yet opened. Kheri Division, United Provinces.	„	C 66.	Q 18.	
„	Charcoal kilns, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.		C 106.		
Contractors .	Group of contractors at Haldwani, 21st September 1903, Garhwal, United Provinces.	E. A. Courthope.	C 10.	S 103.	
Conversion .	Cutting up fuel, Bombay .		C 14.		
	Cutting up a tree, Bombay		C 15.		
„	Conversion of *Sál* wood, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	C 63.	S 191.	

C.—Forest Utilization.

Dalbergia latifolia.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Dalbergia latifolia.	*Dalbergia latifolia* logs in foreground; stacks of railway fuel in background, Belgaum, Bombay.	H. Murray.	C 21.		
Dendrocalamus strictus.	Stacking of *Dendrocalamus strictus*, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	C 32.	S 198.	Appeared in *Indian Forest Utilization* —Troup, 2nd Ed., 1912.
,,	A view of bamboo parao, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	C 86.	S 180.	
,,	Straightening *Dendrocalamus strictus lathies*, Shampore, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	C 90, C 91, C 93, C 94.	S 171, S 172, T 184, T 185.	
Depôt . .	Timber and bamboo depôt on bank of Ganges, Lansdowne Division, United Provinces.	W. H. Lovegrove.	C 2 and 3.		
,,	Timber *parao* (depôt), Buxar, Ramnagar Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	C 89.	S 185.	
,,	Weighing firewood in Sale depôt, Naini Tal, United Provinces.	E. A. Courthope.	C 6.	S 81.	
	Bringing firewood into a sale depôt from the forest. Naini Tal, United Provinces.	,,	C 8.		
,,	Sale depôt for firewood in the Malli Tal Bazar, Naini Tal, United Provinces.	,,	C 9.	S 102.	
,,	Timber depôt at Kalagarh, Garhwal, United Provinces.	,,	C 12.		

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Depôt—concld.	Blackwood (*Dalbergia latifolia*) logs in foreground; stacks of railway fuel in background, Belgaum, Bombay.	H. Murray.	C 21.		
„	Measuring teak logs in the depôt, Belgaum, Bombay.	„	C 22.		
„	Loading teak logs in the depôt; Belgaum, Bombay.	„	C 23.		
„	General view of teak logs, Belgaum, Bombay.	„	C 24.		
„	The fuel depôt at Changa Manga, Punjab.		C 26.	S 206.	Appeared in *Indian Forest Utilization*—Troup, 2nd Ed., 1912.
„	Halduparao timber depôt, Garhwal Division, United Provinces.	E. A. Courthope.	C 78.	S 93.	
„	A bamboo *parao* (depôt), Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	C 86	S 180.	
„	Hauling logs into depôt, Kodibag, Western Division, Kanara, Bombay. Received from United Provinces Exhibition, Allahabad, 1910-11.		C 111.		
Diospyros Kurzii.	Specimens of Andaman marblewood (*Diospyros Kurzii*).	R. S. Troup.	C 39 and 40	S 120 and 121.	Appeared in For. Pamph. No. 7, For. Econ. Ser., No. 2, Troup—*Note on Andaman Marblewood or Zebra wood.*
Dipterocarpus alatus.	Base of *Kanyin* tree (*Dipterocarpus alatus*), showing damage done by tapping for wood-oil, Burma.	J. J. Rorie.	C 80.	S 107.	Appeared in *Indian Forest Utilization*—Troup, 2nd Ed., 1912.

C.—Forest Utilization.

Dipterocarpus alatus—*concld.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Dipterocarpus alatus—concld.	Large Kanyin tree (*Dipterocarpus alatus*) 22 ft. in girth, showing wound at base caused by extracting *Kanyin* oil with the help of fire. Toungoo Division, Burma.	J. J. Rorie.	C 81.		
Felling .	Felling trees in forest, Bombay.	—	C 16.		
„	Two teak stumps, the high one showing old wasteful method of felling and the low one showing method of felling low, as always practised now. Undergrowth of *Bambusa Tulda*. Yônbin Reserve, Pyinmana Division, Upper Burma.	R. S. Troup.	C 48.	S 27.	Appeared in Ind. For. Rec., Vol. III, Pt. I, Troup—*A Note on some Statistical and other Information regarding the Teak Forests of Burma, 1911.*
„	Large branchy deodar tree lopped for felling in order to lessen damage to surrounding trees. Forest of deodar, *Kail*, *Moru oak* and poplar; clump of poplar round the lopped deodar. Bodyar, Jaunsar, United Provinces.	„	C 56.	S 35.	Appeared in *Indian Forest Utilization*—Troup, 2nd Ed., 1912.
„	Felling of a *Sál* tree with axe. United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	C 83.	S 174.	
„	Felling of a *Chir* with axe, Naini Tal Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.		C 102.	V 59.	
Firewood .	Weighing firewood in sale depôt, Naini Tal, United Provinces.	E. A. Courthope.	C 6.	S 81.	
„	Coolies carrying firewood, Naini Tal, United Provinces.	„	C 7.	S 104.	

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Firewood—concld.	Bringing firewood into a sale depôt from the forest, Naini Tal, United Provinces.	E. A. Courthope.	C 8.		
„	Sale depôt for firewood in the Malli Tal Bazar, Naini Tal, United Provinces.	„	C 9.	S 102.	
„	Cutting up firewood, Bombay.		C 14.		
„	Weighing firewood, Bombay.		C 18.		
„	Blackwood (*Dalbergia latifolia*) logs in foreground; stacks of railway firewood in background, Belgaum, Bombay.	H. Murray.	C 21.		
„	The firewood depôt at Changa Manga, Punjab.		C 26.	S 206.	Appeared in *Indian Forest Utilization*—Troup, 2nd Ed., 1912.
„	Firewood stack, showing method of supporting the stack by longitudinal billets at the ends, Dehra Dun, United Provinces.	R. S. Troup.	C 43.	Q 12.	
Fissibility .	Specimens of split woods .	„	C 37 and 38.	S 118 and 119.	Appeared in Ind. For. Rec., Vol. II, Pt II, Troup—*Note on the Fissibility of some Indian Woods.*
Fuel . .	See *firewood.*				
Girdling .	A girdled teak tree 9 ft. 6 in. in girth with forest guard on left, with hammer. Pakokku Hill Tracts, Upper Burma.		C 34.		
„	A girdled teak over 10 ft. in girth, showing blazes for hammer marking. Pakokku Hill Tracts, Upper Burma.		C 35.		
„	A girdled teak over 11 ft. in girth, Pakokku Hill Tracts, Upper Burma.		C 36.		

C.—Forest Utilization.

Gum.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Gum . .	*Odina Wodier* being tapped for gum. Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad 1910-11.	Basti Ram, Ranger.	C 28.	S 161.	Appeared in *Indian Forest Utilization* —Troup, 2nd Ed., 1912.
Haymaking .	Haymaking scene, Chikalda, Berar, Central Provinces.		C 25.		
Ischæmum angustifolium.	*Bhaber* rope-making, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	C 85.	S 189.	
Lac . .	* *Schleichera trijuga* pollarded for the reception of lac; shoots of one year's growth. Beribara, Siwalik Division, United Provinces.	R. S. Troup.	C 41.	Q 9.	
,,	* *Butea frondosa* trees pollarded for the reception of lac; shoots of one year's growth, Ranipur, Siwalik Division, United Provinces.	,,	C 42.	Q 10 and 11.	
,,	* Lac on twigs of *Schleichera trijuga*; a good crop on left, on right lac much damaged by attacks of moth *Hypatima pulverea*, Meyr. Raipur, Central Provinces.	,,	C 57.	S 41.	
,,	* *Butea frondosa* trees, indiscriminately lopped for lac without any system, Balaghat District, Central Provinces.	,,	C 58.	S 39.	
,	* *Butea frondosa* trees immediately after lopping for cultivation of lac (*cf.* No. C 60) Ranipur, Siwalik Division, United Provinces.	,,	C 59.	S 38.	
,,	* *Butea frondosa* trees immediately before lopping for cultivation of lac (*cf.* No. C 59) Ranipur, Siwalik Division, United Provinces.	,,	C 60.	S 40.	

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Lac—concld.	* *Schleichera trijuga* tree lopped for the cultivation of lac, Beribara, Siwalik Division, United Provinces (*cf.* No. C 62).	R. S. Troup.	C 61.	S 37.	
„	* *Schleichera trijuga* tree immediately before lopping for cultivation of lac, Beribara, Siwalik Division, United Provinces (*cf.* No. C 61).	„	C 62.	S 36.	
„	* Number tablet fixed on *Kussam* tree in connection with the cultivation of lac, Raipur, Central Provinces.	„	C 64.	S 52.	
Marking .	Range Officer marking the timber with range hammer. Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	C 88.	S 182.	
Measuring .	Measuring teak logs in the depôt, Belgaum, Bombay	H. Murray.	C 22.		
Numbering .	Numbering stumps, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	C 84.	S 200.	
Odina Wodier .	*Odina Wodier* being tapped for gum. Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	„	C 28.	S 161.	Appeared in *Indian Forest Utilization* —Troup, 2nd Ed., 1912.
Picea Morinda.	High stump of *Picea Morinda*, Deoban fuel supply, Jaunsar, United Provinces.		C 33.		
Pinus longifolia.	Tapping *Pinus longifolia* for resin, Naini Tal, United Provinces.	F. A. Leete.	C 1.		
„	Collection of resin from *Pinus longifolia* forest, Naini Tal Division, United Provinces.	E. A. Courthope.	C 76.	S 91.	

* Not available for issue at present.

C.—Forest Utilization.

Pinus longifolia—*concld.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Pinus longifolia—concld.	*Pinus longifolia* tree tapped for resin in Naini Tal Division, United Provinces.	E. A. Courthope.	C 72.	S 66.	
,,	Tapping for resin from *Pinus longifolia* forest, Naini Tal Division, United Provinces.	,,	C 70.	S 64.	
,,	Tapping of *Pinus longifolia* and collection of resin, Naini Tal, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.		C 99 and 100.	V 50 and 53.	
,,	Felling of a *Pinus longifolia* tree with axe. Naini Tal Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.		C 102.	V 59.	
,,	Resin tapping of *Pinus longifolia* with blaze of curved (circular) section. First year of tapping. Naini Tal Division, United Provinces.	R. S. Troup.	C 105.	Q 77.	Appeared in *Indian Forest Utilization*—Troup, 2nd Ed., 1912.
,,	Resin tapping of 2nd season in *Pinus longifolia* forest, Naini Tal Division, United Provinces.	,,	C 107.	Q 89.	Ditto.
,,	*Pinus longifolia* tree tapped for resin, 2nd season. Square-cut blaze. Naini Tal Division, United Provinces.	,,	C 108.	Q 90.	Ditto.
,,	*Pinus longifolia* tree tapped for resin. Appearance of blaze after 5 years, when tapping is completed.	,,	C 109.	Q 91.	Ditto.
Pitch Kiln .	Imperial Forest School at Pitch Kiln, Chhatragad.		C 30.		
Resin tapping .	Collection of resin from *chir* (*Pinus longifolia*) forest, Naini Tal Division, United Provinces.	E. A. Courthope.	C 76.	S 91.	
,,	Chir tree tapped for resin in Naini Tal Division, United Provinces.	,,	C 72.	S 66.	

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Resin tapping —concld.	Resin tapping of *Chir* (*Pinus longifolia*). Naini Tal, United Provinces.	F. A. Leete.	C 1.		
,,	Resin tapping in (*Pinus longifolia*) forest, Jaunsar, United Provinces.	J. S. Gamble.	C 29.		
,,	Resin tapping of *Chir* (*Pinus longifolia*), Naini Tal Division, United Provinces.	E. A. Courthope.	C 70.	S 64.	
,,	Resin tapping of *Chir* (*Pinus longifolia*), Naini Tal, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.		C 99.	V 50.	
,,	Resin tapping of *Pinus longifolia* with blaze of curved (circular) section. First year of tapping. Naini Tal Forest Division, United Provinces.	R. S. Troup.	C 105.	Q 77.	Appeared in *Indian Forest Utilization* —Troup, 2nd Ed., 1912.
,,	Resin tapping of 2nd season in *Pinus longifolia* forest, Naini Tal Division, United Provinces.	,,	C 107.	Q 89.	Ditto.
,,	Tapping *Pinus longifolia* tree for resin, 2nd season. Square-cut blaze, Naini Tal Division, United Provinces.	,,	C 108.	Q 90.	Ditto.
,,	*Pinus longifolia* tree tapped for resin ; appearance of blaze after 5 years when tapping is completed.	,,	C 109.	Q 91.	Ditto.
Rope making .	*Bhaber* rope making, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	C 85.	S 189.	
Sawing .	Trans-Sarda *Sál* forest ; sawing metre-gauge sleepers.	R. C. Milward.	C 4.		
,,	Sawing sleepers of *Xylia dolabriformis* (*Jamba*), Belgaum, Bombay.	H. Murray.	C 20.		

C.—Forest Utilization.

Sawing—*concld.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Sawing—concld.	Sawing and carrying Deodar sleepers.		C 27.		
,,	Sawing *Sál* sleepers.		C 31.		
,,	Sawing with frame saw and Delhi saw in the forest, Dehra Dun, United Provinces.	R. S. Troup.	C 44 and 45.	Q 13 and 14.	
,,	Sawing sleepers in the forest, Mandla, Central Provinces.	A. M. F. Caccia.	C 67.	Q 44.	
,,	Sawing with pit saw in the forest, Mandla, Central Provinces.	,,	C 68 and 69	Q 43 and 42.	
,,	Mode of sawing as is done by the Nepalese. Eastern Bengal and Assam.	B. C. Sen Gupta.	C 113.	Q 95.	
,,	Mode of sawing as is done by the Bengalis. Eastern Bengal and Assam.	,,	C 114.	Q 96.	
,,	Mode of sawing as is done by the Bengalis, another way. Eastern Bengal and Assam.	,,	C 115.	Q 97.	
,,	Mode of sawing as is done by the Behari people. Eastern Bengal and Assam.	,,	C 116.	Q 98.	
Schleichera trijuga.	* *Schleichera trijuga* pollarded for the reception of lac; shoots of one year's growth. Beribara, Siwalik Division, United Provinces.	R. S. Troup.	C 41.	Q 9.	
,,	* Number tablet fixed on *Schleichera trijuga* tree in connection with the cultivation of lac, Raipur, Central Provinces.	,,	C 64.	S 52.	
,,	* *Schleichera trijuga* tree lopped for the cultivation of lac, Beribara, Siwalik Division, United Provinces.	,,	C 61.	S 37.	

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Schleichera trijuga—concld.	* *Schleichera trijuga* tree immediately before lopping for cultivation of lac, Beribara, Siwalik Division, United Provinces.	R. S. Troup.	C 62.	S 36.	
,,	* Lac on twigs of *Schleichera trijuga*. A good crop on left. On right lac much damaged by attacks of moth *Hypatima pulverea* Meyr. Raipur, Central Provinces.	,,	C 57.	S 41.	
Shorea robusta.	Sawing *Sál* sleepers.		C 31.		
,,	Conversion of *Sál* wood, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	C 63.	S 191.	
,,	Felling of a *Sál* tree with axe, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	C 83.	S 174.	
,,	Longitudinal section of a *Sál* log, showing the rot inside caused by percolation of water. United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	C 87.	S 181.	
,,	A *Sál* log showing interior defect, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	C 92.	S 199.	
	Hollow *Sál* log for boat hull. Bahraich Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	H. Jackson.	C 103 and 104.	V 45 and 46.	
Sleepers	Trans-Sarda *Sál* forest, sawing metre gauge sleepers.	R. C. Milward.	C 4.		
,,	Cutting sleepers of *Xylia dolabriformis* (*Jamba*), Belgaum, Bombay.	H. Murray.	C 20.		
,,	Sawing and carrying Deodar sleepers.		C 27.		

* Not available for issue at present.

C.—Forest Utilization.

Sleepers—*concld.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Sleepers—concld	Sawing *Sál* sleepers.		C 31.		
,,	Sawing sleepers in the forest, Mandla, Central Provinces.	A. M. F. Caccia.	C 67.	Q 44.	
Splitting .	Splitting of wood in a depôt along the Nalla, Almora Range, Naini Tal, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.		C 101.	V 57.	
,,	The quickest and easiest way of splitting bamboos. Eastern Bengal and Assam.	B. C. Sen Gupta.	C 117.	Q 99.	
Stacking .	*Stacking* of bamboos, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	C 32.	S 198.	Appeared in *Indian Forest Utilization*—Troup, 2nd Ed., 1912.
,,	Fuel stacking showing method of supporting the stack by longitudinal billets at the ends. Dehra Dun, United Provinces.	R. S. Troup.	C 43.	Q 12.	
Tectona grandis.	Fractures in teak specimens tested for breaking strains.	T. B. Chitrakar.	C 19.	T 124.	Appeared in For. Bull. No. 3, 1911, Pearson—*Note on relative Strength of Natural and Plantation-grown Teak.*
,,	Measuring teak logs in depôt, Belgaum, Bombay.	H. Murray.	C 22.		
,,	Loading teak logs in the depôt, Belgaum, Bombay.	,,	C 23.		
,,	General view of teak logs, Belgaum, Bombay.	,,	C 24.		
,,	A girdled teak tree 9′-6″ in girth, with forest-guard on left with hammer. Pakokku Hill Tracts, Upper Burma.		C 34.		

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Tectona grandis —concld.	A girdled teak tree over 10 feet in girth, showing blazes for hammer marking, Pakokku Hill Tracts, Upper Burma.		C 35.		
,,	A girdled teak tree over 11 feet in girth, Pakokku Hill Tracts, Upper Burma.		C 36.		
,,	Two teak stumps, the high one showing old wasteful method of felling, and the low one showing method of felling low, as always practised now. Undergrowth of *Bambusa Tulda*, Yonbin Reserve, Pyinmana Division, Upper Burma.	R. S. Troup.	C 48.	S 27.	Appeared in Ind. For. Rec.. Vol. III, Pt. I. Troup—*A Note on some Statistical and other Information regarding the Teak Forests of Burma, 1911.*
,,	Teak logs, Toungoo Division, Burma.	J. J. Rorie.	C 82.		
Turpentine .	Turpentine distillery at Bhowali, Naini Tal, United Provinces.	E. A. Courthope.	C 5.		
,,	Bhowali turpentine distillery, Naini Tal, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.		C 96 and 97.	V 36 and 37.	
Wood-oil .	Base of *Kanyin* tree (*Dipterocarpus alatus*) showing damage done by tapping, for wood-oil, Burma.	J. J. Rorie.	C 80.	S 107.	Appeared in *Indian Forest Utilization* —Troup, 2nd Ed., 1912.
,,	Cutting sleepers of *Xylia dolabriformis*, Belgaum, Bombay.	H. Murray.	C 20.		

D.—Forest Engineering.

Boom.

D.—Forest Engineering, including Buildings and Transport of Timber.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Boom . .	Upper end of Dhakpathar boom on Jamna, Jaunsar, United Provinces.	J. W. Oliver.	D 55.		
„	Tail end of Dhakpathar boom on Jamna, Jaunsar, United Provinces.	„	D 62.		
Brick kiln .	Brick kiln, Kheri, United Provinces.	F. A. Leete.	D 6.		
Bridges . .	Dismantled bridge near Garjia above the Kosi river, Garhwal, United Provinces.	„	D 1.		
„	Rope bridge made of grass 200′ long across Ganges, Upper Garhwal, Ganges Division, United Provinces.	W. H. Lovegrove.	D 2.		
„	Forest bridge, 15 feet span, Kalagarh, Boxar road, Garhwal, United Provinces.	E. A. Courthope.	D 12.		
„	Sendra suspension bridge, 235 feet span, built by forest officer, Jaunsar Division, United Provinces.		D 20.	U 49.	
„	Bridge 90 feet span for carrying Kulni Wet Slide across ravine, Jaunsar Division, United Provinces.		D 21.	U 25.	
„	Bridge No. 10, on Sledge road, Deota, Jaunsar, United Provinces.		D 45.		
„	*Jhula* (grass rope bridge) over Rupin river, Jaunsar Division, United Provinces.		D 65.		
„	Bridge and road across mouth of cave below Sendra, washed away in 1897; road now goes 300 feet or so above it, Jaunsar, United Provinces.	J. W. Oliver.	D 66.		

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Bridges —contd.	Bhanamghatti suspension bridge from river bed and opposite hill.		D 68-69.		
„	Old bridge No. 10, Deota Sledge road, Jaunsar, United Provinces.		D 71.		
„	*Jhula* or grass rope bridge over Bhagirathi river in Tehri State, United Provinces.	E. A. Courthope.	D 87.	S 62.	
„	Bridge over Jodh Ganga, at Jhala, Tehri State, United Provinces, built by Mr. O'Callaghan of the Forest Department when in charge of the forest leased from Tehri State. It is about 250′ span and is about 450′ above the bed of the gorge.	„	D 88.	S 76.	
„	Old ruined forest bridge, 70 feet span, Gargia, Garhwal Division, United Provinces.	R. S. Troup.	D 89.	Q 46.	
„	Sledge-road crossing a bridge, Jaunsar Division, United Provinces.	J. W. Oliver.	D 91.		
„	Suspension bridge and sleepers, Himalayas.		D 94.	T 28.	
„	Suspension bridge over Tons river, Jaunsar, United Provinces.		D 97 and 98.	U 44 and 66.	
„	Suspension bridge, Jaunsar, United Provinces.		D 99.	U 54.	
„	Sleeper slide crossing bridge, Jaunsar, United Provinces.		D 101.	U 82.	
„	Kunighat bridge on the road between Halduparao and Buxar, Ramnagar Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	D 108.	S 188.	
„	A suspension bridge, near Ratighat, Naini Tal, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	„	D 114.	V 56.	

D.—Forest Engineering.

Bridges—*concld.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Bridges —concld.	Suspension bridge over the Tons, Chakrata Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	D 119.		
,,	Suspension bridge over Tons river, Chakrata Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	..	D 121.		
,,	Temporary bridge over Ramganga river, Ramnagar Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	..	D 122.		
,,	Temporary log dragging bridge, Ruby Mines Division, Upper Burma.	A. Rodger.	D 151.	P 20.	
Buildings	Chaubattia forest rest house, Naini Tal, United Provinces.	R. C. Milward.	D 3.		Appeared in *Indian Forester*, Volume XXXII, 1906.
,,	Trans-Sarda *Sál* forest. Dudwa Forest rest house, Kheri, United Provinces.	,,	D 4.		Do.
,,	Bellekh forest rest house, Naini Tal, United Provinces.	F. A. Leete.	D 5.		
,,	Kakandari forest rest house in *Sál* forest, Bahraich, United Provinces.	,,	D 7.		
,,	Abdullaganj forest rest house in *Sál* forest, Bahraich, United Provinces.	,,	D 8.		
,,	Ratna Dhale forest rest house, Garhwal, United Provinces.	,,	D 9.		
,,	Kilberry forest rest house, Naini Tal, United Provinces.	E. A. Courthope.	D 10.	S 71.	
,,	Forest rest house at Seywa, Tharrawaddy Division, Burma.	R. S. Troup.	D 23.	S 50.	

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Buildings —contd.	Forest officer's bungalow and office, Chikalda, Berar.		D 30.		
„	The forest bungalow at Changa Manga, Punjab.		D 32.		
„	Forest rest house, Shwegyin Division, Burma.		D 36.		
„	Forest officer's bungalow, Toungoo, Burma.		D 39.		
„	Sandakpha rest house, Darjeeling.		D 41.		
„	New forest office, Kotedwara, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram.	D 51.	T 186.	
„	Deota forest bungalow, Jaunsar, United Provinces.		D 52.		
„	Deoban forest bungalow, Jaunsar, United Provinces.		D 53.		
„	Forest office, Kotedwara, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram.	D 54.	T 187.	
„	Karwapani bungalow, Dehra Dun, United Provinces.	J. S. Gamble.	D 56.		
„	Ramgarh Forest rest house, Dehra Dun, United Provinces.	W. N. Hearle.	D 57.		
„	Forest Range quarters, Badshahibagh, Dehra Dun, United Provinces.	F. Gleadow.	D 63.		
„	The Imperial Forest College, Dehra Dun, United Provinces.	Penchelu Reddi.	D 153.		
„	Imperial Forest College students' quarters, 1894, Dehra Dun, United Provinces.	„	D 154.		

D.—Forest Engineering.

Buildings. *contd*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Buildings —contd.	Imperial Forest College, Dehra Dun, April 1910.	T .B. Chitrakar.	D 155 and 156.	T 32, 33.	Appeared in *Indian Forester*, Volume XXXVI, 1910.
,,	Imperial Forest College, Dehra Dun, April 1910, students' quarters.	,,	D 157.	T 34.	Do.
,,	Imperial Forest College, Dehra Dun, Hospital, April 1910.	,,	D 158.	T 38.	Do.
,,	Principal's Office, Imperial Forest College, Dehra Dun, April 1910.	,,	D 159.	T 35.	Do.
,,	Instructor's house, Imperial Forest College, Dehra Dun, April 1910.	,,	D 160.	T 37.	Do.
,,	Students' quarters, Imperial Forest College, Dehra Dun.		D 161.	V 2.	
,,	Imperial Forest College, Dehra Dun.		D 162 and 163.	V 1, U 55.	
,,	Chandbagh office building, Forest Research Institute, April 1910.	T. B. Chitrakar.	D 164.	T 39.	Appeared in *Indian Forester*, Volume XXXVI, 1910.
,,	Chandbagh Cottage, April 1910.	,,	D 165.	T 40.	Do.
,,	The Chestnuts, April 1910 .	,,	D 166.	T 41.	Do.
,,	Principal's house, Imperial Forest College, April 1910.	,,	D 167.	T 36.	Do.
,,	Surajbagh building.	,,	D 168.	T 182.	
,,	Kulnigad, lower headstock of ropeway; shows also upper one, bungalow and wet slide, Jaunsar, United Provinces.		D 67.		
,,	Forest rest house, Saneh, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	D 70.	T 188.	

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Buildings —concld.	Chaubattia forest bungalow, Naini Tal Division, United Provinces.	E. A. Courthope.	D 86.	S 57.	
„	Forest rest house, Saneh, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram.	D 110.	S 186.	
„	Forest rest house, Kotedwara, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	„	D 111.	T 189.	
„	B. B. C. rest house near Taungdwingyi, Magwe District, Upper Burma.	A. Rodger.	D 146 and 147.	P 12 and 13.	
„	Forest rest house at Inthabaing, Rangoon Division, Burma.	„	D 148 and 149.	P 14 and 15.	
Carrying	Coolies carrying timber, Bombay.		D 26.		
„	Export of bamboos by men from the forest to the parao. Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram.	D 48.	S 179.	
„	Carrying of fuel by Dotials, Naini Tal, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.		D 112 and 113.	V 49 and 51.	
Carts and carting.	Country cart drawn by 2 pairs of bullocks, carrying capacity 200 c. ft. stacked, Changa Manga, Punjab.		D 34.		
„	Carting of bamboos; a view of an export chauki, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram.	D 37.	S 177.	

D.—Forest Engineering.

Carts and carting—*concld.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Carts and carting—concld.	Bombay Burma timber cart, Pyinmana, Upper Burma.	J. W. Oliver.	D 59.		
,,	Timber cart used in the forests of Burma.	,,	D 92.		
,,	Carting of *Sál* Karis, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram.	D 107.	S. 195.	
,,	Four-wheeled timber cart, diameter of wheel 4′, Pyinmana, Upper Burma.	R. S. Troup.	D 130.	S 25.	
,,	Making Burmese timber carts in forest, Ledagyi, Yeni Reserve, Pyinmana, Upper Burma.	,,	D 135.	S 32.	
,,	Burmese timber cart (*Gindeik*), Ledagyi, Yeni Reserve, Pyinmana, Upper Burma.	,,	D 136.	S 33.	
,,	Two-wheeled timber cart, diameter of wheel 5′ 9″. Pyinmana, Upper Burma.	,,	D 137.	S 34.	
,,	Carting of timber in Gonda Division, United Provinces. Loading timber on cart by turning cart upside down over log.	,,	D 141.	S 117.	
Dragging	Elephant dragging by the teeth, South Malabar Division, Southern Circle, Madras.		D 28.		
,,	Dragging of *Sál* Karis, Lansdowne Division, United Provinces. Received from United Provinces Exhibition Allahabad, 1910-11.	Basti Ram.	D 47.	S 178.	
,,	Dragging of bamboos, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	D 81.	S 197.	
,,	Elephants dragging teak logs, Toungoo Division, Burma.	J. J. Rorie.	D 105.		

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Dragging—concld.	Dragging of *Sal Tors*, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram.	D 106.	S 192.	
,,	Teak logs on dragging path prepared with cross billets (*Dahlein-lan*). Kontha, Yeni Reserve, Pyinmana, Upper Burma.	R. S. Troup.	D 131.	S 28.	
,,	Two pairs of buffaloes dragging Pyinkado log, Yanaungmyin Reserve, Pyinmana Division, Upper Burma.	,,	D 132.	S 29.	
,,	Dragging *Sál* "Tors" in Adnala Range, Garhwal Division, United Provinces.	E. A. Courthope.	D 138.	S 65.	
,,	Buffaloes dragging bamboos in Garhwal Division, United Provinces.	,,	D 139.	S 90.	
,,	Oxen dragging "Tors," Garhwal Division, United Provinces.	,,	D 140.	S 92.	
,,	Exporting scantlings on buffaloes, Garhwal Division, United Provinces.	,,	D 143 and 144.	S 84 and 88.	
,,	Corduroy road for dragging path for teak logs. Billets not yet sunk in ground, Kontha, Yeni Reserve, Pyinmana, Upper Burma.	R. S. Troup.	D 145.	S 26.	
,,	Temporary log dragging bridge, Ruby Mines Division, Upper Burma.	A. Rodger.	D 151.	P 20.	
Elephants	Contractor Mr. Coelho's working elephants on the Nersol Slopes, Yellapur Range, S. D. Kanara, Belgaum, Bombay.		D 27.		
,,	Work of elephants, Mount Stuart, South Coimbatore Division, Southern Circle, Madras.		D 29.		
,,	Working elephants, Pyinmana, Burma.	J. W. Oliver.	D 64.		

D.—Forest Engineering.

Elephants —*concld.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Elephants —concld.	Timber working elephants, Ruby Mines Division, Upper Burma.	A. Boyd.	D 152.	T 204	Appeared in *Indian Forest Utilization*,— Troup, 2nd edition 1912.
„	Do. do.	„	D 127 to 129.	T 201 to 203.	
Floating	Sarnai at Thadiar, Tons river, Jaunsar, United Provinces.		D 72.		
„	Telescopic floating near Kulni, Jaunsar, United Provinces.		D 75.		
„	Floating of fuel, Kosi river, Almora Range, Naini Tal Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram.	D 82, 83, 84, 85 and 115.	S 201, 202, 203, 204 and V 60.	
„	Suspension bridge and floating sleepers, Himalayas.		D 94.	T 28.	
„	Floating sleepers, Himalayas.		D 95.	T 27.	
„	Big block of teak logs in a stream, Toungoo Division, Burma.	J. J. Rorie.	D 102 and 103.		
„	Telescopic floating, Chakrata Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.		D 118.		
„	Teak logs placed in upper reaches of floating stream ready for flood, Kontha, Yeni Reserve, Upper Burma.	R. S. Troup.	D 133.	S 30.	
„	Floating teak logs in Yonbin Chaung at Kyathaungdaung, Pyinmana Division, Upper Burma.	„	D 134.	S 31.	
Loading	Loading timber on railway, Bombay.		D 22.		
„	Loading fuel tracks, Bombay.		D 24.		

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Loading —concld.	Loading timber logs on cart, Bombay.		D 25.		
,,	Loading timber on carts at Goilkera, Singhbhum, Bengal.	E. E. Slane.	D 61.	S 56.	
,,	Loading of *Sál* Karis on buffalo, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram.	D 79.	S 196.	
,,	Carting of timber in Gonda Division, United Provinces. Loading timber on cart by turning cart upside down over log.	R. S. Troup.	D 141.	S 117.	
Rafting	Teak rafts at Shwegyin, Sittang river, Burma.		D 38.		
,,	Rafting of bamboos in the Ganges, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram.	D 49.	S 183.	
,,	Making bamboo rafts along the Ramganga, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	D 50.	S 184.	
,,	Rafting at Dhakpathar, Jaunsar, United Provinces.		D 58.		
,,	Bamboo rafting, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram.	D 80.	S 190.	
,,	Teak rafts on the river Sittang at Toungoo, Toungoo Division, Burma.	J. J. Rorie.	D 104.		
,,	Rafting in the river Ramganga, Ramnagar Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram.	D 109.	S 187.	

D.—Forest Engineering.

Rafting—*concld.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Rafting—concld.	Making bamboo rafts on the Ramganga river, Garhwal Division, United Provinces.	R. S. Troup.	D 142.	Q 5.	
Roads .	Forest path and waterfall in Oak forests, Naini Tal, United Provinces.	E. A. Courthope.	D 11.		
,,	Construction of forest roads, Ellichpur Division, Berar.		D 31.		
,,	A Forest road at Changa Manga, Punjab.		D 33.		
,,	Forest road, Darjeeling .		D 40, 42 and 43.		
,,	New road and bridge across mouth of cave below Sendra washed away in 1897; road now goes 300 feet, or so above it, Jaunsar, United Provinces.	J. W. Oliver.	D 66.		
,,	The 6-foot path showing small cutting to allow of descent to bed of Nankyila stream, Upper Chindwin Division, Upper Burma.		D 76.		
,,	An unavoidably steep ascent on a 6-foot path which has here been stepped. Upper Chindwin Division, Upper Burma.		D 77.		
,,	Six-foot path traversing dense bamboo jungle, Upper Chindwin Division, Upper Burma.		D 78.		
,,	Teak logs on dragging path prepared with cross billets (*Dahlein-lan*). Kontha Yeni Reserve, Pyinmana, Upper Burma.	R. S. Troup.	D 131.	S 28.	Appeared in *Indian Forest Utilization.*—Troup, 2nd Edition, 1912.
,,	Corduroy road for dragging path for teak logs. Billets not yet sunk in ground. Kontha, Yeni Reserve, Pyinmana, Upper Burma.	,,	D 145.	S 26.	Do.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Roads—concld.	Path to Inthabaing rest house, Rangoon Division, Burma.	A. Rodger.	D 150.	P 17.	
Ropeways .	Wet slide and wire shoot at Kulni, used for sleeper transport, Jaunsar Division, United Provinces.		D 16.	U 45.	
,,	Railway sleepers descending Kulni, wire shoot, Jaunsar Division, United Provinces.		D 17.	U 46.	
,,	View of Kulni wire shoot from bottom, 1,300 feet long, 400 feet fall, Jaunsar Division, United Provinces.		D 19.	U 51.	
,,	Wire ropeway, Jaunsar, United Provinces.		D 96.	U 43.	
,,	Wire ropeway, Jaunsar, United Provinces.		D 100.	U 47.	
,,	Aerial ropeway, Forestry Court, United Provinces Exhibition, Allahabad, 1910-11. Received from the Exhibition.	Basti Ram.	D 116 and 117.	V 24 and 72.	
,,	Wire ropeway, Jaunsar, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.		D 120.		
,,	Wire ropeway and sleeper slide, Jaunsar, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.		D 124.		
,,	Kulnigad, lower headstock of ropeway; shows also upper one, bungalow and wet slide, Jaunsar, United Provinces.	J. W. Oliver.	D 67.		
Shipping .	Shipping timber, Kodibag, Western Division, Kanara, Bombay. Received from United Provinces Exhibition, Allahabad, 1910-11.		D 126.		
Sledge roads .	Upper sledge road depôt Jaunsar, United Provinces.		D 44.		

D.—Forest Engineering.

Sledge roads —*concld.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Sledge roads—concld.	Lower sledge road depôt, Jaunsar, United Provinces.		D 46.		
Slides . .	Kulni wet slide used for the transport of railway sleepers, Jaunsar Division, United Provinces.		D 13 and 14.	U 42 and 50.	
„	Wet slide and wire shoot at Kulni used for sleeper transport, Jaunsar Division, United Provinces.		D 16.	U 45.	
„	Timber logs on a slide, Bashahr, Punjab.	J. H. Lace.	D 60.	T 17.	
„	Kulnigad, lower headstock; shows also upper one, bungalow and wet slide, Jaunsar, United Provinces.		D 67.		
„	Wet slide at Kulni, Jaunsar, United Provinces.		D 73.		
„	Wet slide about 37° slope .	F. Gleadow.	D 93.		Appeared in *Indian Forester*, XXVI-303.
„	Sleeper slide, Chakrata Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.		D 123.		
„	Wire ropeway and sleeper slide, Chakrata Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.		D 124.		
„	Sleeper slide crossing bridge, Chakrata Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.		D 125.		
Timber working	Timber working by elephants, Ruby Mines Division, Upper Burma.	A Boyd.	D 152.	T 204.	Appeared in *Indian Forest Utilization*,— Troup, 2nd Ed., 1912.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Tramways .	Forest tramway at Kulni used for transport of railway sleepers, Jaunsar Division, United Provinces.		D 15.	U 52.	
„ .	Forest depôt at head of Kulni tramway, Jaunsar Division, United Provinces.		D 18.	U 48.	
	Three tramway trucks drawn by a pair of bullocks, carrying capacity 330 c. ft. stacked, Changa Manga, Punjab.		D 35.		
„ .	Forest tramway . .	R. C. Milward.	D 90.		
Transport .	Sleeper transport, Kulni, Jaunsar, United Provinces.		D 74.		

E.—Zoology and Shikar.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Abies Pindrow	Young *silver fir* with the terminal portion of the new shoots killed by the weevil *Polydrorsus*.		E 41.	S 125.	Appeared in Stebbing's *Insect Pests of the Himalayan Coniferæ, Part I.*
Apis spp. .	A bee hive, United Provinces.	Basti Ram, Ranger.	E 17.	S 194.	
Bees . .	See *Apis* spp.				
Camel . .	See *Camelus dromedarius*.				
Camelus dromedarius.	Divisional Forest officer's camels on the March, Garhwal.	F. A. Leete.	E 5.		
Cedrus Deodara.	Deodar sapling defoliated by *Geomita*.		E 42.	S 126.	Appeared in Stebbing's *Insect Pests of the Himalayan Coniferæ, Part I.*
,,	Deodar pole forest defoliated by *Geomita*.		E 43 and 44.	S 127 and 128.	Do.
Cervus luvauceli	Camp in *Sál* forest. Swamp-deer (*Gond*) in the foreground, Kheri, United Provinces.	F. A. Leete.	E 1.		
,,	36″ Swamp-deer (*Gond*) head, Kheri, United Provinces.	,,	E 2.		
Cyon dukhunensis.	Wild dog pups, four weeks old, with foster mother.	E. A. Courthope.	E 37.	S 85.	
,,	Wild dog pups four weeks old.	Do.	E 38 to E 40.	S 86, 87 and 89.	
Dog, wild .	See *Cyon dukhunensis*.				
Elephant .	See *Elephas maximus*.				
Elephas maximus.	Group of elephants, Daisy, Naintara, Jeldrau, Chameli, Garhwal.	F. A. Leete.	E 4.		

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Elephas maximus—contd.	Nepal Khedda, 1893. Group of elephants, Ganges Division.	C. Bagshawe.	E 6.		
„	Nepal Khedda, 1893. Group of elephants, Ganges Division.	„	E 7.		
„	Tying up a wild elephant, Ganges Division.	„	E 8.		
„	Captive elephant grazing, Ganges Division.	Mrs. Bagshawe.	E 9.		
„	Watering a captive elephant, Ganges Division.	„	E 10.		
„	Wild elephant tied up, with keepers, Ganges Division.	„	E 11.		
„	Noosing a small captured tusker, South Coimbatore Division, Southern Circle, Madras.		E 12.		
„	Elephant Kraals, Nilambur, South Malabar Division, Southern Circle, Madras.		E 13.		
„	Elephants crossing Ganges for a shoot, United Provinces.		E 15.	Q 26.	
„	Watering elephants in Ganges Kheddas, United Provinces.		E 16.	Q 27.	
„	Baggage elephants arriving at Ngapunchaungwa, Upper Chindwin, Upper Burma.		E 19.		
„	Transport elephants arriving at a girdling camp pitched in a Ponzo area (abandoned patch of shifting cultivation).		E 20.		
„	Captured elephant in camp. Kheddas, United Provinces.		E 22.	Q 28.	
„	Waiting for Khabar in camp. Kheddas, United Provinces.		E 23 to E 27.	Q 29 to Q 33.	
„	Waiting for the beat to commence. Kheddas, United Provinces.		E 28.	Q 34.	

E.—Zoology and Shikar.

Elephas maximus—*concld.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Elephas maximus—concld	Gaj Raj Bahadur ready. Kheddas, United Provinces.		E 29.	Q 35.	
„	Taking Latouche Bahadur to water for the first time after capture.		E 30 to E 32.	Q 36 to Q 38.	
„	Elephants just captured. Kheddas, United Provinces.		E 33 and E 34.	Q 39 and 40.	
„	Elephants of Garhwal Division and Central (now Western) Circle, United Provinces.	E. A. Courthope.	E 35.	S 60.	
„	Elephant being washed, United Provinces.	„	E 36.	S 69.	
„	Elephants on the march, Okkan Chaung, Rangoon Division, Burma.	A. Rodger.	E 52 and 53.	P 18 and 19.	
Exhibition, Allahabad, 1910-11.	View of natural history and jungle scene. Forestry Court, Allahabad Exhibition, 1910-11.	Basti Ram.	E 50 and E 51.	V 65 and 67.	
Felis pardus .	Tiger and Panther skins .		E 21.		
Felis tigris .	9′ 9″ tiger, shot at Haldu Parao, Garhwal, United Provinces.	F. A. Leete.	E 3.		
„ .	Tiger and Panther skins .		E 21.		
„ .	View of natural history and jungle scene, Forestry Court, United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram.	E 50 and 51.	V 65 and 67.	
Geometrina .	Deodar sapling defoliated by *Geometrina*.		E 42.	S 126.	Appeared in Stebbing's *Insect Pests of the Himalayan Coniferæ, Pt. I.*
„	Deodar Pole forest defoliated by *Geometrina*.		E 43 and 44.	S 127 and 128.	Do.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Hatchery .	Trout hatchery, Bhawali, showing the series of ponds, Naini Tal, United Provinces. Received from United Provinces Exhibition Allahabad, 1910-11.	Basti Ram.	E 46 to 49.	S 173, 193 and V 33, 34.	
Leopard .	See *Felis pardus*.				
Nemorhœdus sumatrensis.	Serow (*Nemorhœdus sumatrensis*) caught in Pegu, Yoma Forests, Burma.		E 18.		
Nucifraga .	Cones of *Pinus excelsa* opened by the nutcracker (*nucifraga*) and the seeds eaten. Bodyar, Chakrata Division, United Provinces, 5th October, 1911.	R. S. Troup.	E 45.	S 247.	
Panther .	See *Felis pardus*.				
Pinus excelsa .	Cones of *Pinus excelsa* opened by the nutcracker (*Nucifragæ*) and the seeds eaten. Bodyar, Chakrata Division, United Provinces, 5th October 1911.	,,	E 45.	S 247.	
Polydrorsus .	Young silver fir with the terminal portion of the new shoots killed by the Weevil *Polydrorsus*.		E 41.	S 125.	Appeared in Stebbing's *Insect Pests of the Himalayan Coniferæ, Pt. I.*
Serow . .	See *Nemorhœdus sumatrensis*				
Shikar . .	Shikar scene, Berar . .		E 14.		
Tiger . .	See *Felis tigris*.				
Trout . .	Trout hatchery, Bhawali, showing the series of ponds, Naini Tal, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram.	E 46 to 49.	S 173, 193 and V 33, 34.	
Wild dog .	See *Cyon dukhunensis*.				

F.—Scenery and Miscellaneous views.

F.—Scenery and Miscellaneous Views.

Chakrata Division.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Chakrata Division.	*Deoban :* view from Deoban house, Jaunsar, United Provinces.	J. W. Oliver.	F 14.		
,,	*Deota temple,* leased Deodar Forest in Tehri State, United Provinces, Chakrata Division.	E. A. Courthope.	F 33.	S 80.	
,,	*Dhakpathar.* Sarnai at Dhakpathar on Jamna, Chakrata Division, United Provinces.	J. W. Oliver.	F 9 to 11.		
,,	*Koti Bawar.* Above Koti Bawar village, Chakrata Division, United Provinces.	,,	F 17.		
,,	*Kulnigad* waterfall, estimated height 120 feet, Chakrata Division, United Provinces.		F 16.	U 24.	
,,	*Kulnigad.* View up Kulnigad, Chakrata Division, United Provinces.		F 20.		
,,	*Thadiar.* View from Thadiar bungalow, Chakrata Division, United Provinces.		F 22.		
Chamba .	*Bhandal valley.* View in Chamba State, Bhandal valley.	J. H. Lace.	F 31.		
Changa Manga	A *Rajbaha* (water-course) at Changa Manga, Punjab.		F 8.		
Darjeeling .	Bed of torrent, Darjeeling .		F 6.		
,,	*Sandakphu,* Darjeeling .		F 7.		
Gonda Division	*Sangarha.* View over Sangarha (Tharu village) to the Nepal Hills, Gonda Division, United Provinces, 23rd January 1911.	R. S. Troup.	F 4.	Q 72.	
Lansdowne Division.	*Lansdowne.* View of Military Cantonment, Lansdowne, 6,000′.	W. H. Lovegrove.	F 1.		

F.—Scenery and Miscellaneous views.

Lansdowne Division—*concld.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Lansdowne Division—concld.	*Mota Sal.* From range quarters, Mota Sal, towards Buxar and Moreghati roads, Lansdowne Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	F 53.	S 176.	
,,	*Upper Garhwal*; view at 9,000′. Spruce (*Picea Morinda*) on right, Lansdowne Division, United Provinces.	W. H. Lovegrove.	F 2.		
Naini Tal	*Chaubattia* fruit garden, Naini Tal Division, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.		F 51 and 52.	V 38 and 54.	
Ramnagar Division.	*Kosi river.* Boulder hill (sacred) in the Kosi River at Garjia, Ramnagar Division, United Provinces.	F. A. Leete.	F 3.		
,,	*Ramganga River.* Rapids in the Ramganga River at Rasoti, Ramnagar Division, United Provinces.	,,	F 5.		
,,	*Ramganga River.* Sheep crossing the Ramganga River at Kalagarh, Ramnagar Division, United Provinces.	E. A. Courthope.	F 34 and 35.	S 97 and 98.	
Ruby Mines District (Burma).	*Shweli River.* Passenger raft of bamboos on Shweli River, Upper Burma.	J. W. Oliver.	F 12.		
Salem	Forest scene, Salem District, Madras.		F 23 and 24.		
Siwalik Division.	*Dholkhund.* View at Dholkhund, Siwalik Division, United Provinces.		F 40.	V 3.	
,,	*Siwaliks. Rau*-bed in the Siwaliks, United Provinces.		F 41 to 50.	V 4, 5, 6, 9, 15, 18, 21, 25, 26 and 30.	
,,	*Suswa River* in the Government forest, Siwalik Division, United Provinces.	Penchelu Reddi.	F 21.		

F.—Scenery and Miscellaneous views.

Tehri State.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Tehri State .	*Bhilangna valley.* Top of the Bhilangna valley, Tehri State, United Provinces. Taken from Gangi village. Forests mostly spruce and silver fir on left bank, Kharshu oak on right bank.	E. A. Courthope.	F 32.	S 68.	
„ .	*Gangotri glacier,* Tehri State, United Provinces.	„	F 36.	S 99.	
„ .	*Gawmukhi* (cow's mouth). Source of the river Ganges, from Gangotri glacier. Alt. 13,000′, United Provinces.	„	F 37.	S 100.	
„ .	*Harsil.* The bed of what must have been a lake about 1,200′ deep, starting from just above Durali valley, down to about 4 miles below Harsil in Tehri State. The lake was caused by a land-slip which according to tradition (borne out by appearance) was caused by an earthquake over 100 years ago. There is a difference of about 1,200′ at the bottom and top of the old lake.	„	F 38.	S 101.	

G.—Ethnographical.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Andamans .	Andamanese . . .	F. Beadon-Bryant.	G 11, 12.		
Bombay .	Work in a forest nursery, Bombay.		G 3.		
„	Forest labourers, Bombay.		G 4.		
Burma . .	Camp of coolies for girdling teak, Pegu Yoma, Toungoo, Burma.		G 6.		
„	Burmese cultivators gathering groundnuts on land cleared for cultivation, Magwe District, Upper Burma.	A. Rodger.	G 20 and 21.	P 28 and 29.	
Chamba .	Chamba shepherd and flock on march, foot of Himalayas, Naini Tal District, Kumaon.	W. H. Lovegrove.	G 1.		
Chin Hills	A Chin "beau" in full dress, Pakokku Hill Tracts, Upper Burma.		G 13.		
„	A Chin chief in working dress, Pakokku Hill Tracts, Upper Burma.		G 14.		
„	A Chin chief with wife and family, Pakokku Hill Tracts, Upper Burma.		G 15.		
„	A group of Chin belles .		G 16.		
„	A Chin chief with his wife and family, outside his residence. The house posts are teak in the distant back-ground—the top portion of a *taungya* patch is visible.		G 17.		
Coimbatore .	The elephant camp at Anapady, Mount Stuart, South Coimbatore Division, Southern Circle, Madras.		G 5.		
Garhwal .	Elephant drivers Kanin, Umraskhan, Ellahi Buksh, Garhwal.	F. A. Leete.	G 2.		
Kachin Hill .	Kachins village, Upper Burma.	J. W. Oliver.	G 7, 8.		

G.—Ethnographical.

Kachin Hill.—*concld.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Kachin Hill—concld.	Kachin place of worship, Upper Burma.	J. W. Oliver.	G 9.		
„	Kachins, Upper Burma.	„	G 10.		
Kangra . .	Kangra shepherds at Ramnagar, United Provinces. Received from United Provinces Exhibition, Allahabad, 1910-11.	R. C. Milward.	G 19.		
Southern Shan States.	A village of *Gaungtos* or *Zareins*, a hill tribe, the members of which practise shifting cultivation but also fire-protect their forests, Southern Shan States, Burma.	G. R. Long.	G 18.		

H.—Portraits and Groups.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Berar . .	F. R. Dourte and Guard, Bassesar Singh, Berar group.	Thomas Martin.	H 7.		
Bombay .	Forest Subordinate Staff, Bombay.		H 1.		
,,	Retirement of the Hon'ble Mr. A. T. Shuttleworth, Conservator of Forests, Poona, May 1899. Bombay.		H 18.		
Brandis, Sir D.	Brandis, Sir D.		H 2.		
Burma . .	Mg. Tun, M. A. Weston, Mg. Pe, Burma group.		H 6.		
Burma Forest School.	Burma Forest School, 1902, Tharrawaddy, Burma.	Maung Po Hti and Son.	H 21.		
Dehra Dun Forest School, College, etc.	Dehra Dun Board of Control, 1898.		H 14.		
,,	Imperial Forest School, Dehra Dun, Board of Control group about 1899 and 1900.		H 34, 35.	U 79, 69.	
,,	Imperial Forest School, Dehra Dun, Board of Control group about 1899.		H 38.	U 88.	
,,	Dehra Dun Board of Control and School officers, Dehra Dun, United Provinces, 1904.	Penchelu Reddi.	H 19 and 20.		
,,	Forest Conference, 1886 .		H 8.		
,,	Dehra Dun Group, Messrs. H. C. Hill, F. B. Manson and two others.		H 31, 32.	U 76, 77.	
,,	Dehra Dun Imperial Forest College Group, 1909.	T. B. Chitrakar.	H 3.	T 198.	
,,	Messrs. E. Litchfield, A. Smythies, Fisher, Fernandez, Hearle, Brown, Major Bailey, Dehra Dun Imperial Forest School, 1883.		H 4.		

H.—Portraits and Groups.

Dehra Dun Forest School, College, etc. —*concld.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Dehra Dun Forest School, College, etc.—concld.	Colonel Campbell, Messrs. Brown, Pinder, Fernandez, Fisher, Reynolds, Smythies, Dehra Dun Imperial Forest School, 1884.		H 5.		
„	Dehra Dun Imperial Forest School about 1884.		H 9.		
„	Messrs. A. Smythies, E. Litchfield, J. Martin Reynolds, Fisher, Fernandez, Mercer, Warth, Dehra Dun Imperial Forest School, 1888.	Thomas Martin.	H 10.		
„	Imperial Forest School group, Dehra Dun, United Provinces, 1887-88-89.		H 12, 13 and 15.		
„	Imperial Forest School staff, 1890, Dehra Dun, United Provinces.	Thomas Martin.	H 16.		
„	Imperial Forest School group, 1896, Dehra Dun, United Provinces.	F. Gleadow.	H 11.	U 56.	
„	Imperial Forest School officers, etc., Dehra Dun.		H 23.	U 58.	
„	Imperial Forest School, Dehra Dun, 1899, 1900 and 1901.		H 22, 24, 25, 26.	U 57, 70, 68, 71.	
„	Imperial Forest School, Dehra Dun, about 1899.		H 33.	U 78.	
„	Imperial Forest School, Dehra Dun, senior class, 1900-01.		H 27.	U 72.	
„	Imperial Forest School, Dehra Dun. Board of Control, etc., about 1900, Dehra Dun.		H 28 to 30.	U 73 to 75.	
Dehra Dun Mounted Rifles.	Dehra Dun Mounted Rifles, 1900, officers and non-commissioned officers.		H 36.	U 86.	
„	Group in camp of Dehra Dun Mounted Rifles, about 1900.		H 37.	U 87.	

J.—Miscellaneous.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Bombay .	A delinquent caught in the act, Bombay.		J 1.		
Camels . .	Moving camp with camels.	E. A. Courthope.	J 9.	S 83.	
„ . .	Divisional Forest Officer's camp equipage; camel transport, United Provinces.	„	J 10.	S 79.	
Camp, Berar .	Camp scene, Berar.		J 2.		
Camp, Burma	Forest Officer's camp, Pegu Yoma, Toungoo and Shwegyin, Burma.		J 3 to 5.		
„	Forest camp in the teak forest, Burma.		J 11.	T 70.	
Camp, United Provinces.	Camping in the Lansdowne Division, United Provinces near Chila, received from United Provinces Exhibition, Allahabad, 1910-11.	R. C. Milward.	J 7.		
„	Moving camp with camels, United Provinces.	E. A. Courthope.	J 9.	S 83.	
„	Divisional Forest Officer's camp equipage, camel transport, United Provinces.	„	J 10.	S 79.	
Carving .	Carved teak doorway sent to Chicago Exhibition from Upper Burma.	J. W. Oliver	J 8.		
Exhibition, Allahabad, 1910-11.	View showing the Forestry Court Exhibition, Allahabad, 1910-11.	Basti Ram, Ranger.	J 6.	V 7.	
„	Interior view, Forestry Court, United Provinces Exhibition, Allahabad, 1910-11.	„	J 12 to 17.	V 66, 68, 69, 70, 71, 73.	
Monastery .	Monastery compound, Magwe District, Upper Burma.	A. Rodger.	J 18 and 19.	P 25 and 26.	

K.—Foreign photos.

Belgium.

K.—Foreign Photos (*i.e.*, all countries outside India) Geographical.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Belgium	Ardennes (Belgium). Chaval Doswood, Mirwart mixed spruce and Scotch Pine plantation on fallow land, trees 8 years old. Received from United Provinces Exhibition, Allahabad, 1910-11.	R. C. Milward.	K 21.		
„	Ardennes (Belgium). Les Losches wood, Mirwart. Conversion of oak and beech into planted spruce forest. Spruce 18 years old. Received from United Provinces Exhibition, Allahabad, 1910-11.	„	K 22.		
British Isles	Forest of Dean, England. Oak forest of good quality with beech coppcie undergrowth. Closed forest. Received from United Provinces Exhibition, Allahabad, 1910-11.	„	K 23.		
„	Forest of Dean. Oak plantation; trees about 40 years old. Beech naturally regenerated. Received from United Provinces Exhibition, Allahabad, 1910-11.	„	K 24.		
„	Forest of Dean. Unenclosed oak forest open to sheep grazing, no regeneration. Received from United Provinces Exhibition, Allahabad, 1910-11.	„	K 25.		
„	Forest of Dean. Conversion of coppice-with-standards (oak and beech) to high forest of oak, beech and larch. In foreground larch about 15 years old; in background group of oak. Received from United Provinces Exhibition, Allahabad, 1910-11.	„	K 26.		

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
France	Pyrenees. The snows (about 10,000′) and beech forest. The forest limit is 6,000′—France. Received from United Provinces Exhibition, Allahabad, 1910-11.	R. C. Milward.	K 3.		
„	Pyrenees. Mixture of beech and silver fir; below the beech is predominant and gives way above entirely to silver fir. Received from United Provinces Exhibition, Allahabad, 1910-11.	„	K 4.		
„	The Esterel, an extremely inflammable forest mainly of *Pinus maritima*, general view showing fire lines and paths. French Riviera. Received from United Provinces Exhibition, Allahabad, 1910-11.	„	K 5.		
„	The Landes, France. Inside the littoral sand dune, which stretches along the sea shore is the protection belt of *Pinus maritima*. Road making in the "protection belt." Received from United Provinces Exhibition, Allahabad, 1910-11.	„	K 6.		
,	The Landes, France. Same as last. A closer view showing change from creeping to erect stems of *Pinus maritima*. Received from United Provinces Exhibition, Allahabad, 1910-11.	„	K 7.		
„	Nancy, France. Forêt d'Amance. Coppice-with-standards under conversion to high forest after second regeneration fellings. A fine group of pure oak saplings. Received from United Provinces Exhibition, Allahabad, 1910-11.	„	K 8.		

K.—Foreign photos.

France—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
France—contd.	The Landes, France. Commercial forest inside the protection belt. Clearing the brushwood (for fire protection) with resin tapping (here *gemmage à vie*) one blaze from the time the tree is 3½′ in girth. The timber is used for mine props. Received from United Provinces Exhibition, Allahabad, 1910-11.	R. C. Milward.	K 9.		
„	Nancy, France. Forêt d'Amance. Beech and oak, an old coppice-with-standards forest, has been allowed to grow up and is being converted into high forest. This shows the forest after *first* regeneration felling, with a group of oak seeedlings in left foreground. Received from United Provinces Exhibition, Allahabad, 1910-11.	„	K 10.		
„	The Landes, France. A characteristic piece of "protection belt." Near the sea the blown sand kills all the leading shoots of the pines which assume a creeping position. The quality however rapidly improves further from the sea. (There is no foreshortening in the picture). Received from United Provinces Exhibition, Allahabad, 1910-11.	„	K 11.		
„	The Landes, France. Commercial forest of *Pinus maritima*. Regeneration of area by clear cutting, often of large area; advance growth is all cut away the year before the felling, seed being blown on to the area of felling from the cones of the trees. Regeneration sparse but strong. This area had been felled 4 years previously. Received from United Provinces Exhibition, Allahabad, 1910-11.	„	K 12.		

K.—Foreign photos.

France—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
France—contd.	The Esterel. *Pinus maritima* forest, nearly mature. Received from United Provinces Exhibition, Allahabad, 1910-11.	R. C. Milward.	K 27.		
„	The Esterel. *Quercus suberosa*, showing periodic stripping of the cork. In this hot climate a short length is stripped at one time. Received from United Provinces Exhibition, Allahabad, 1910-11.	„	K 28.		
„	The Esterel. Cleaning brushwood (mainly *Erica*) in young *Pinus maritima* forest, a means of fire protection. Right of path cleaned. Left uncleaned. Very expensive. Received from United Provinces Exhibition, Allahabad, 1910-11.	„	K 29.		
„	The Esterel. Forest of cork oak (*Quercus suberosa*), showing the stripped trunks. Received from United Provinces Exhibition, Allahabad, 1910-11.	„	K 30.		
„	The Esterel. A Forest Guard's house. Each guard is comfortably quartered and has a garden and vineyard of a couple of acres or so. Cork oak in foreground. Received from United Provinces Exhibition, Allahabad, 1910-11.	„	K 31.		
	Périmètre d'Entraignis Torrent de Villard. France. Bandes horizontales préparés.		K 46.		
„	Périmètre de Ponteilis Gard, Canton des Pâtes de Monselques. Partie supérieure du torrent des combes. France.		K 47.		

K.—Foreign photos.

France—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
France—contd.	Torrent de Rive Bourdoux, Baraque, Abri Périmètre de Kion, Bourdoux, Hautes Alpes. Berges écritées, etc. Plantées par bandes horizontales, France.		K 48.		
„	Périmètre de Genolhue, Gard, Canton de Valenière. Torrent de la Pardomelle, France.		K 49.		
„	Périmètre de Genolhue, Canton de Vesson, Gard. Torrent de La Bresellière, France.		K 50.		
„	Périmètre de Genolhue. Canton de la Chardonniére, Gard. Barrages et fasçinages. France.		K 51.		
„	Périmètre de Ponteils Gard, Canton des Pâtes de Monseligues. La Ravin Rouge. France.		K 52.		
„	Périmètre de Conconles, Gard. Canton de conte Fulgeret Plantations et fasçinages. France.		K 53.		
„	Périmètre de Conconles, Gard. Canton de Côtes de Brin. Plantations et fasçinages. France.		K 54.		
„	Bourg de Montanban, Vallè de Luchon, Haute Garonne. Ravinements. France.		K 55.		
„	Torrent du Rianlet. Périmètre du Val du Bastan, Rive Gauche, Hautes Pyrenées, Gard, barrage. France.		K 56.		
„	Valleé de la Barguillière. Périmètre du Calmill arriège fruitière et Pâturages. France.		K 57.		
„	Torrent de la Nallette. Périmètre de St. Pans, Basses Alpes. Barrage No. 1 et attérissement. France.		K 58.		

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
France—contd.	De Roissard, Torrent de Riffol, France, Isère versants et cloyonnages reboisés.		K 59.		
,,	P. de Bonig-d'Oisans T. de St. Antoine, France, Isère, Série de barrages et versants, reboisés.		K 60.		
,,	Torrent de l'Abée. Périmètre de Thens, Hautes Alpes, Berges avec demoiselles, France.		K 61.		
,,	Montage du Travers de la Colle, Canton de Col Bas. Périmètre de Seyne, Basses Alpes. Reboisements de divers âges. Rescan de chemins et sentiers. France.		K 62.		
,,	Partie inférieure vice vers laval, Périmètre du Labouret, Basses Alpes. Plantations de hautes tiges versants consolidés et reboisés. France.		K 63.		
,,	Partie supéricure vers le col, Route N 100 de Montpellier à Coni. Périmètre du Labouret, Basses Alpes. Barrages et cloyonnages, dans le Torrent, versants reboisés. France.		K 64.		
,,	Canton d'Abais. Chantier d'ouvriers. Périmètre du Curusqust, Basses Alpes. Revêtements de berges: fasçinages vivants. France.		K 65.		
,,	Torrent de f. Ubaye, Ravin des Chamonsères. Périmètre de Thiers, Hautes Alpes. Village de Thiers. Demoiselles et plantations par bandis, France.		K 66.		
,,	Torrent de f. Hermitance. Barrage en Pièrres Sêches. Périmètre de Rémollon, Hautes Alpes. Attérissement planté en hautes tiges. Bergesécretées et reboisées, France.		K 67.		

K.—Foreign photos.

France—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
France—contd.	Torrent de Vachères, Périmétre de Vachères, Hautes Alpes, Grand Barrage. France.		K 68.		
„	Torrent de St. Marthe, Grand Barrage en Pièrres Sêches. Périmètre de St. Marthe, Hautes Alpes. Série de Barrages secondaires. Berges caretées et reboisées. France.		K 69.		
„	Torrent de St. Panerace, Vica Vers Laval, Périmètre de Sapet et Devezet, Hautes Alpes. Eperon Digue longitudinale cloyonnages. France.		K 70.		
„	Torrent de Vachères, Périmètre de Vachères, Hautes Alpes. Canal de dérivation. France.		K 71.		
„	Canton de La Combe dè l' Homme, Périmètre de Vachères, Hautes Alpes, plantations resineuses et gazonnements. France.		K 72.		
„	Périmètre de Challillon en Divis Drôme, plantations par barquettes. France.		K 73.		
„	Suz la Croix, Haute Drôme, sources du Buech, Colonel Pream.		K 74.		
„	Périmètre de Sus la Croix, Haute Drôme, plantations par bandes horizontales, France. Canton de Fantabelle.		K 75.		
„	Périmètre de Suz La Croix, Haute Drôme, plantations par bandes horizontales, France.		K 76.		
„	Torrent de Gandissart et de Riorchanal. Vallée de L'Ubaye, Basses Alpes, Vue d'ensemble des bassins de receptions, France.		K 77.		

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
France—contd.	Le Rion Bourdoux et Le Bache Lared, Vallée de l'Ubaye. Basses Alpes. Vue d' ensemble sur les conis de déjection, France.		K 78.		
„	Canton de Chanmasses. Périmètre de Seyère, Basses Alpes, plantations de pins à crochets, France.		K 79.		
„	Torrent de la Valleté. Périmètre de St. Pons, Basses Alpes. Pins en Eboulement, France.		K 80.		
„	Périmètre de Payalle, avec fruitière. Haute Vallée de l'Adour, Hautes Pyrenées. Pâturages de l'Arbizon. Pré St. Isam, France.		K 81.		
„	Périmètre de Compan à l'Etude, Hautes Pyrenées, versants calenirés denudés. France.		K 82.		
„	Torrent de La Vu des Bas, Périmètre de Leon des Bas, Haute Garonne. Vue l'ensemble, France.		K 83.		
„	Hotellerie de Venosque Hospice. Périmètre de Luchon, Haute Garonne. Pâturages restaurés, fruitière, France.		K 84.		
„	Canton du Pesson. Pâturages restaurés. Périmètre de Luchon, Haute Garonne. Fruitière d'Eté. Châlet Etables abris. France.		K 85.		
„	Périmètre du Larboust (à l'Elude) Vallée d'Astan, Haute Garonne. Cônes de dejections des Ravins de Batals et de Badech, France.		K 86.		
„	Torrent de la Bach, Village Catherviell. Périmètre de Cathervielle, Haute Garonne. Vue d'ensemble. Ravinement, France.		K 87.		

K.—Foreign photos.

France—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
France—contd.	Col de Peyresowide (1,565 *m.*) Ravinements. Périmètre de Loudervielle, Hautes Pyrenèes. Route de Luchon à Bagnières de Bigorre, France.		K 88.		
„	Canton Artigalas. Périmètre du Val du Bastan (Rive droite), Hautes Pyrenées. Vue d'ensemble des Travanre, France.		K 89.		
„	Combe St. Bernard, Ferris noires, Périmètre de St. Pons, Basses Alpes, Série de grands cloyonnages et de fasçinages vivants, France.		K 90.		
„	Ravin de Villegause, Périmètre de l'Argent Double Aude. Barrages rustiques et plantations. France.		K 91.		
„	Canton de Riband. Périmètre de l'Argent Double Aude, plantations par potels. France.		K 92.		
„	Canton des Brousses. Périmètre de Ganac Arriège. Travaux de reboisement, France.		K 93.		
„	Torrent des Sanières, Partie Infirièure. Périmètre des Sanières, Basses Alpes, contre barrage No. 2 en construction (Vue de l'Aval), France.		K 94.		
„	Torrent des Bourget, Vue Vers la Valée de L'Ubaye, Périmètre du Faucon, Basses Alpes, attérissments des barrages. France.		K 95.		
„	Torrent du Bourget, Périmètre de Faucon, Basses Alpes, série de barrages et cloyonnages, France.		K 96.		
„	Torrent du Bourget, Grand Barrage No. 2, Périmètre de Faucon, Basses Alpes, cloyonnages longitudenaux et transversaux, France.		K 97.		

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
France—concld.	Torrent du Bourget, partie supérieure, Périmètre de Faucon, Basses Alpes. Série de barrages et grands, cloyonnages vivants, France.		K 98.		
„	Canton Artigales, vue de détails. Périmètre du Val du Bastan, Hautes Pyrénées, banquetes regalés et reboisements. France.		K 99.		
„	Torrent du Bourget, Ravin de Ratu, Périmètre de Faucon, Basses Alpes. Série de barrages et cloyonnages vivants, France.		K 100.		
„	Torrent du Sanières, Périmètre des Sanières, Basses Alpes, contre Barrages en construction, France.		K 101.		
„	Périmètre du Val du Bastan, Hautes Pyrénées, Canton d'Artigales. Vue de détails. Cloyonnages et banquettes plantées, berge restaurée, France.		K 102.		
„	Ravin de Badech-Vallée d'Astan, Haute Garonne. Cône de déjections, France.		K 103.		
„	Ravin de Batals, Vallée d'Astan, Haute Garonne. Cône de déjections. France.		K 104.		
„	Val du Bastan (Rive gauche) Hautes Pyrénées. Vue d'ensemble. France.		K 105.		
„	Périmètre du Bastan (Rive gauche) Hautes de Rivelet, Couronnement du Grand Barrage. Attérissement cloyonnages dans les berges. France.		K 106.		
„	Périmètre du Vol du Bastan (Rive gauche), Hautes Pyrènées. Torrent du Rivelet. Série des Barrages supérieures. Attérissement de Banquettes plantées. France.		K 107.		

K.—Foreign photos.

Germany.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Germany .	* Young beech wood naturally regenerated under the shelter-wood compartment system, final felling completed, and young growth about 20 years old. Harz Mts., Germany, May 1897.	R. S. Troup.	K 1.	S 48.	
,,	* Beech wood in Harz Mts., Germany, worked under shelter-wood compartment system in the final stage with reproduction all over the ground. May 1897.	,,	K 2.	S 49.	
Italy . .	Italy, Vallombrosa Forest school. Forest beech above silver fir below, silver fir plantation in foreground. Received from United Provinces Exhibition, Allahabad, 1910-11.	R. C. Milward.	K 13.		
,,	Italy, Vallombrosa. A fuel cart drawn by 3 mules. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	K 14.		
Japan . .	*Cryptomeria japonica* and cherry blossom—a true Japanese combination. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	K 15.		
,,	Japan. Background—40 years old plantation of *Cryptomeria japonica* and *Chamæcyparis* (*obtusa* ?), foreground—8 years old ditto, with Jap. "*Lawker.*" Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	K 16.		
,,	Japan. A Kaga (chair of sorts). Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	K 17.		

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Japan—concld.	Japan. A combined forestry and agriculture prefectural (country) school. Nara-students (sons of small farmers) pricking out *Cryptomeria* nursery. Received from United Provinces Exhibition, Allahabad, 1910-11.	R. C. Milward.	K 18.		
„	Japan. A typical landscape near Yoshino (Nippon): almost the whole of Japan is mountainous. Received from United Provinces Exhibition, Allahabad, 1910-11.	„	K 19.		
„	Japan. Same as last. Nara forestry and agriculture school. Received from United Provinces Exhibition Allahabad, 1910-11.	„	K 20.		
Switzerland	Southern aspect of Harden with Interlaken at foot in 1870, Switzerland.	R. Gabler.	K 39.		Appeared in "*Indian Forester*," Volume XXXV, 1909.
„	Southern lope or Harden with Interlaken in 1908, showing reclothing with forest, Switzerland.	„	K 40.		Do.
„	Retaining walls of stone and of wattle, Interlaken, Switzerland.	„	K 41.		Do.
„	Big revetment at top of landslip on Burglauenen. Interlaken, Switzerland.	„	K 42.		Do.
„	Stream channel and wattle retaining walls. Interlaken, Switzerland.	„	K 43.		Do.
„	Retaining wall across Hautenenbach, Interlaken, Switzerland.	„	K 44.		Do.
„	Channel constructed to main stream, Interlaken, Switzerland.	„	K 45.		Do.

K.—Foreign photos.

United States.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United States .	A valley in the Appalachians, North Carolina. Natural undergrowth of Rhododendron. Received from United Provinces Exhibition, Allahabad, 1910-11.	R. C. Milward.	K 32.		
,,	Same forest as last. The timber road made, and donkey engine (in background) which hauls the logs along the road by means of a wire rope. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	K 33.		
,,	North West States, near Tawma, mixed virgin forest of Douglas fir, red cedar, Hemlock spruce. Sawing logs for putting down a skidway to timber the forest. The forest of the Western States are practically purely coniferous. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	K 34.		
,,	Same forest. This shows how thickly the logs lie on the ground when a forest is ¾ numbered. Much of the smaller stuff is left. The man's saw is wedged and he is cutting it out. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	K 35.		
,,	Appalachians, Biltmore forest. A cutting in the nature of a heavy improvement felling. The wood in the foreground is partly or wholly sweet chestnut billets for extraction of tanning materials. Received from United Provinces Exhibition, Allahabad, 1910-11.	,,	K 36.		

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United States—contd.	Same forest as last. The line of logs being hauled along the timber road. Note arrangement of pully and post for hauling round a corner. Received from United Provinces Exhibition, Allahabad, 1910-11.	R. C. Milward.	K 37.		
„	Forests of the Appalachians in N. Carolina. The forests are mainly broad leaved oaks, sweet chestnut, hickory, tulip tree (Liriodendron) being principal species. Received from United Provinces Exhibition, Allahabad, 1910-11.	„	K 38.		
„	Virgin redwood forest. Humboldt County, California.		K 108.		
„	Characteristic virgin redwood (*Sequoia sempervirens*) forest in Humboldt County, California.		K 109.		
„	Turpentine orcharding. Turpentine distilling. Barrels of commercial resin, ready for the market, Eastern North California.		K 110.		
„	Logging railroad in a big tree forest, train carrying big tree and western yellow pine logs to the mill, near Milewood, California.		K 111.		
„	Redwood saw logs split with blasting powder for easier handling, California.		K 112.		
„	Characteristic timber on ridges at high elevation, Swain County, North Carolina.		K 113.		
„	Timbered slope showing typical Appalachian hardwood forest. Zancy County, North Carolina.		K 114.		

K.—Foreign photos.

United States—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United States—contd.	Valley of Oconalufty River looking down big cave, Swain County, North Carolina.		K 115.		
„	Young growth of black oak and hickory of good character on rocky soil: old trees have been mostly destroyed by fire. Swain County, North Carolina.		K 116.		
„	Trunks of long-leaf pine boxed or tapped for turpentine, Eastern North Carolina.		K 117.		
„	A large magnolia (*Magnolia fœtida*), North Carolina.		K 118.		
„	Cabbage Palmetto (Sabal Palmetto), North Carolina.		K 119.		
„	"Grizzly Giant," a famous big tree in Maripose Grove, California.		K 120.		
„	Open forest of tulip-tree (*Liriodendron tulipifera*), ash and oaks, thinned by repeated fires. Swain County, North Carolina.		K 121.		
„	Typical mixed hardwood forest on the northern slopes of mountains in Jackson County, North Carolina.		K 122.		
„	Sprouts of scarlet oak (*Quercus coccinea*) and black oak, 15 to 30 years old, which have followed fires. Macon County, North Carolina.		K 123.		
„	Virginia hardwood forest in Western North Carolina; large trees in view are white ash (*Fraxinus americana*) cucumber tree (Magnolia) and tulip tree.		K 124.		
„	Open forest of chestnut (*Castanea dentata*) on summit of Junaluska mountain. Haywood County, North Carolina.		K 125.		

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United States—contd.	Young forest of black oak (*Quercus velutina*) and white oak (*Quercus alba*), Macon County, North Carolina.		K 126.		
„	Long-leaf pine cordwood cut for charcoal, Eastern North Carolina.		K 127.		
„	Falls of the Catawba River, McDowell County, North Carolina.		K 128.		
„	Detail of trunk of beech (*Fagus atropunicea*) Adirondack mountains, New York.		K 129.		
„	Arborvitæ (*Thuja occidentalis*) and Tamarack (*Larix laricina*) killed by fire. Banks of Marion river. Adirondack mountains, New York.		K 130.		
„	Balt cypress showing characteristic root growths known as "knees." Associated species are Black Gum (*Nyssa sylvatica*) and Red Maple (*Acer rubrum*). Dismal swamp, Virginia.		K 131.		
„	Balt Cypress (*Taxodium distichum*) growing in lake Drummond. Dismal swamp, Virginia.		K 132.		
„	Timber raft.		K 133.		
„	Western yellow pine (*Pinus ponderosa*) showing characteristic crown and long clear trunk. Diameter 5 feet, height 175 feet. South Western Oregon.		K 134.		
„	Virgin forest of white pine, Northern Michigan.		K 135.		
„	"Waidona," 27 feet diameter with roadway 18 feet cut through centre. California.	E. Mc A. Moir.	K 136.		

K.—Foreign photos.

United States—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United States—contd.	"General Grant," 80 feet girth, 250 feet high. The Giant trees of California.	E. Mc A. Moir.	K 137.		
,,	Forest of Engelmann spruce (*Picea Engelmanni*); trees 250 years old—Medicine Bow Mountain Range. Colorado.		K 138.		
,,	Thrifty young growth of Douglas spruce, Cascade forest reserve, Oregon.		K 139.		
,,	Mixed forest of virgin Douglas spruce and Black Hemlock (*Tsuga Pattonii*) Cascade forest reserve, Oregon.		K 140.		
,,	"Yarding," Donkey engine and crew hauling and skidding redwood saw logs, Mendocino County, California.		K 141.		
,,	Plantation of chestnut (*Castanea dentata*) about 80 years old. The large tree on the left is 65 feet high and 3 feet in diameter. Harford County, Maryland.		K 142.		
,,	General view of a portion of the Mariposa grove.	E. Mc A. Moir.	K 143.		
,,	Distribution of coniferous timber forests in the cascade forest reserve, Oregon, Mt. Jefferson, Mt. Hood and Mt. Adamson view.		K 144.		
,,	View from Blue Mountain showing Mt. Marcy in the distance to the left. Spruce, balsamfir (*Abies balsamica*) white pine and hardwood forest, Adirondack Mountains, New York.		K 145.		

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United States—contd.	Felling a large Douglas spruce; shows the "undercut" and scaffold on which men stand when sawing and chopping, Cascade forest reserve, Oregon.		K 146.		
,,	A large white pine—Adirondack Mountains, New York.		K 147.		
,,	Felling red spruce with the saw, Adirondack Mountains, New York.		K 148.		
,,	Scaling red spruce logs, Adirondack Mountains, New York.		K 149.		
,,	A large load of white pine logs, Northern Michigan.		K 150.		
,,	"Yarding," donkey engine with crew and "cable horse" skidding saw logs. Sedrowoolby, Washington State.		K 151.		
,,	Douglas spruce logs ready to be "Yarded out," Mason County, Washington State.		K 152.		
,,	Log train hauling redwood saw logs to mill, Medocino, California.		K 153.		
,,	Log train hauling Douglas spruce logs to mill, Cascade forest reserve, Oregon.		K 154.		
,,	Typical open forest of Lorimer County, Colorado, aspen (*Populus tremuloides*), rock pine (*Pinus ponderosa scopulorum*), lodgepole pine (*Pinus murrayana*) and Douglas spruce (commercial name, red fir), *Pseudotsuga taxifolia.*		K 155.		
,,	Typical view in Sierras, North Dome, Royal Arches, Washington. Column and half dome, California.		K 156.		

K.—Foreign photos.

United States—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United States—contd.	Forest valuation survey crew of the United States Bureau of Forestry measuring red spruce (*Picea rubens*) and yellow birch (*Betula lutea*). Adirondack Mountains, New York.		K 157.		
„	Long-leaf pine forest: trees 100 feet in height, Decatur County, Georgia.		K 158.		
„	Government plantation of Jack pine, Holt County, Nebraska.		K 159.		
„	Fruit orchard partly destroyed by drifted sand, which was blown through the hedge of Lombardy poplars (*Populus nigra italica*). Latter planted for protection. Grant, Oregon.		K 160.		
„	Log "driving" or floating in Reem River, Minnesota.		K 161, and 162.		
„	Protection of land along the Columbia river from injury by drifting sand; no sand drifts through the Lombardy poplar hedge. Grant, Oregon.		K 163.		
„	One half acre of Government plantation of Jack Pine (*Pinus divaricata*) on sand hills. Holt County, Nebraska.		K 164.		
„	Mixed hardwood forest on grandfather mountain, North Carolina.		K 165.		
„	Immense sand dune encroaching on thrifty fruit orchard, Grant, Oregon.		K 166.		
„	Regeneration of long-leaf pine (*Pinus palustris*) from scattered old seed trees left by fire which destroyed most of the original forest. Young trees five to twenty-five years old. Hampton County, South Carolina.		K 167.		

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United States—contd.	Young white and red pine (*Pinus resinosa*) on burned stumpland in Minnesota.		K 168.		
„	Thirty year old grove cotton wood (*Populus deltoides*) in thrifty condition. Experiment station from University of Nebraska, Lincoln.		K 169.		
„	Characteristic forest of Jeffrey pine (*Pinus Jeffreyi*) Sierra forest reserve, California.		K 170.		
„	Spruce log jam, Adirondack mountains, New York.		K 171.		
„	Characteristic view in high Sierras, Bull frog lake and Ksarasarge Pass, white bark pine (*Pinus albicaulis*), Sierra forest reserve, California.		K 172.		
„	Tree yucca (*Yucca arborescens*) and seedlings. Tree 15 feet high and 14 inches diameter, near north boundary, Mohani Desert, California.		K 173.		
„	Culled hemlock forest with small per cent. of maple and chestnut. Haywood County, North Carolina.		K 174.		
„	Plantation of European larch (*Larix europœa*). The grove is 27 years old. Dundee, Illinois.		K 175.		
„	Beech and tulip tree. Eastern Tennessee.		K 176.		
„	Common form of young big trees, 20 feet high, 8 inches in diameter. Natural seedling after fire, Sierra forest reserve, California.		K 177.		
„	Characteristic form young California red fir (*Abies magnifica*) San Bernardino forest reserve, California.		K 178.		

K.—Foreign photos.

United States—*concld.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United States—concld.	Characteristic association of big trees (*Sequoia Washingtoniana*) with white fir (*Abies concolor*) and sugar pine (*Pinus Lambertiana*). The big trees are 280 to 300 feet in height with a diameter of 12 to 20 feet. They are among the largest big trees of the famed "Grant forest" Sequoia National Park, California.		K 179.		
,,	White oaks, Eastern Tennessee.		K 180.		
,,	Second growth saplings of chestnuts, white oak, chestnut oak (*Quercus prinus*), locust (*Robinia pseudacacia*) and black cherry (*Pinus serotina*), 40 years after cutting. Three hundred saplings to an acre. Buncombe County, North Carolina.		K 181.		
,,	Culled forest of tulip tree and hemlock (*Tsuga canadensis*), 50,000 feet per acre, Graham County, North Carolina.		K 182.		
,,	Three average sized big trees, sugar pine and white fir. The big tree on the right is 35 feet in circumference, the tree in the centre is 45½ feet, and the one on the left is 20 feet in circumference. General Grant National Park, California.		K 183.		
,,	"Undercut" made to fell a big tree, diameter of trunk 12 feet, Sierra forest reserve, California.		K 184.		

II.—Geographical Index.

Geographical.

Index title	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Ajmer-Merwara.	*Anogeissus pendula* tree, Vern. "dhankra," protected from goats and sheep. (Locality unknown.)		A 107.		
Andamans .	Andamanese.	F. Beadon Bryant.	G 11, 12.		
Baluchistan .	Dahpal State Reserve, *Salvadora oleoides.*		A 142.		
„	Gulu Shahr State Reserve, small patch of *Acacia arabica.*		A 140.		
„	Gulu Shahr State Reserve, *Prosopis spicigera* trees.		A 141.		
„	Gulu Shahr State Reserve, *Tamarix articulata* trees.		A 143.		
„	Harnai; *Dalbergia Sissoo,* young trees.		A 149.		
„	Harnai, Torkhan Valley, *Olea europœa* tree.		A 145.		
„	*Juniperus macropoda* forest. (Locality unknown.)		A 42.	T 4.	
„	*Juniperus macropoda* on waste lands near peasants' huts. (Locality unknown.)		A 162.		
„	Juniper tree. (Locality unknown.)	J. H. Lace.	A 261.	T 20.	
„	Quetta; *Morus alba* trees.		A 163 A 164.		
„	Quetta; swampy ground planted over, mostly with *Salix acmophylla* trees.		A 151.		
„	Quetta; *Elœagnus angustifolia* tree, Hudda Village.		A 152.		
„	Quetta; a *Salix acmophylla* tree along the boundary of Dhobighat plantation.		A 153.		

Geographical.	Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Baluchistan—*contd.*	*Baluchistan*—contd.	Quetta; *Salix acmophylla* trees growing in Dhobi-ghat plantation.		A 154.		
	„	Quetta; *Prunus armeniaca* trees growing in the Zangi Lora plantation.		A 155.		
	„	Quetta; *Prunus armeniaca* and *Elœagnus angustifolia* trees growing in the Zangi Lora plantation.		A 156.		
	„	Quetta; a plantation raised by cultivators.		A 157.		
	„	Quetta; a *Prunus armeniaca* tree growing on the Hud-da village lands.		A 158.		
	„	Quetta; *Prunus Amygdalus* trees growing in the Zangi Lora plantation.		A 159.		
	„	Quetta; *Prunus armeniaca* trees.		A 160.		
	„	Quetta; *Platanus orientalis* and *Populus alba* trees growing along Lytton road.		A 165.		
	„	Quetta; *Populus alba* and *P. nigra* trees growing along Lytton road.		A 166.		
	„	Quetta; *Populus alba* trees.		A 167.		
	„	Thal-Chotrali District; *Olea europœa* and *Dodonœa viscosa* trees growing at Torkhan Tangi near Har-nai.		A 146.		
	„	Thal-Chotrali District; *Olea europœa* trees growing near Torkhan Rest House.		A 147.		
	„	Thal-Chotrali District; *Olea europœa* trees growing in the Torkhan valley near Harnai.		A 148.		
	„	Thal-Chotrali District; *Zizy-phus Jujuba* trees grow-ing at Harnai at an alti-tude of 3,000 feet.		A 150.		

Geographical. — Baluchistan —*concld.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Baluchistan—concld.	Zhob District; *Pinus Gerardiana* and *Pinus excelsa* trees growing on the Shinghar hills, situated near Fort Sandeman.		A 144.		
,,	Ziarat State Reserve; *Juniperus macropoda.*		A 161.		
Bengal	Darjeeling; Silver fir forest, (*Abies Webbiana*).		A 168, 169, 171, 174, 175.		
,,	Darjeeling; mixed forest.		A 170, 176, 179.		
,,	Darjeeling; Birch trees (*Betula alnoides*).		A 172.		
,,	Darjeeling; landslips.		A 173.		
,,	Darjeeling; aërial climber.		A 177.		
,,	Darjeeling; bed of torrent.		F 6.		
,,	Darjeeling; forest road.		D 40, 42, 43.		
,,	Darjeeling; Sandakpho rest house.		D 41.		
,,	Darjeeling; Sandakpho.		F 7.		
,,	Singhbhum; loading timber on carts at Goilkera.	E. E. Slane.	D 61.		
Bombay	*Acacia arabica*, dead forest. (Locality unknown.)		A 77.	T 48.	
,,	*Acacia arabica* tree in river-ain forests. (Locality unknown.)		A 78.	T 44.	
,,	*Acacia arabica*; well grown forest. (Locality unknown.)		A 83.	T 51.	
,,	*Acacia arabica*; young regeneration. (Locality unknown).		A 84.	T 54.	
,,	Barking a tree. (Locality unknown).		C 13.		

Geographical.

Bombay—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Bombay—contd.	Belgaum ; view of high forest showing a large tree of *Terminalia tomentosa* girdled two years before felling.	H. Murray.	A 93.		
„	Belgaum (pole forest showing almost pure growth of *Xylia dolabriformis* (*Jamba*).		A 94.		
„	Belgaum ; *Tectona grandis*, pole forest with one year old coppice in foreground.	H. Murray.	A 95.		
„	Belgaum ; cutting sleepers of *Xylia dolabriformis* (*Jamba*).	„	C 20.		
„	Belgaum ; blackwood (*Dalbergia latifolia*) logs in the foreground ; stacks of railway fuel in background.	„	C 21.		
„	Belgaum, measuring teak logs in the depôt.	„	C 22.		
„	Belgaum ; loading teak logs in the depôt.	„	C 23.		
„	Belgaum ; general view of teak logs.	„	C 24.		
„	Belgaum ; contractor Mr. Coelho's elephants working on the Nersol slopes, Yellapur Range, S. D. Kanara.		D 27.		
„	Carrying timber to railway. (Locality unknown.)		D 23.		
„	Coolies carrying timber. (Locality unknown.)		D 26.		
„	Cutting up fuel. (Locality unknown.)		C 14.		
„	Cutting up a tree. (Locality unknown.)		C 15.		
„	Delinquent caught in the act. (Locality unknown.)		J 1.		

Geographical.

Bombay—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Bombay—contd.	Felling trees in forest. (Locality unknown.)		C 16.		
„	Forest labourers. (Locality unknown).		G 4.		
„	Forest subordinate staff. (Locality unknown.)		H 1.		
„	Indus; *Populus euphratica* tree on alluvion.		A 80.	T 49.	
„	Indus; *Tamarix gallica* or *dioica*.		A 81.		
„	Kanara; the *Harra* tree, *Terminalia chebula*, Sirsi Range.	R. S. Fagan.	A 91.	T 56.	
„	Kanara; the sandalwood tree, *Santalum album*, Sirsi Range.	„	A 92.		
„	Kanara, Western Division; *Casuarina equisetifolia* one year in nursery, one year in plantation. Received from United Provinces Exhibition, Allahabad, 1910-11.		A 139.		
„	Kanara, Western Division; *Casuarina equisetifolia* coupe. Received from United Provinces Exhibition, Allahabad, 1910-11.		A 289.		
„	Kanara, Western Division; planting *Casuarina equisetifolia* at the commencement of the monsoon. Received from United Provinces Exhibition, Allahabad, 1910-11.		A 290.		
„	Kanara, Western Division; planting *Casuarina equisetifolia* area at the end of the monsoon. Received from United Provinces Exhibition, Allahabad, 1910-11.		A 291.		
„	Kanara, Western Division; *Casuarina equisetifolia* one year in nursery, one year in plantation. Received from United Provinces Exhibition, Allahabad, 1910-11.		A 292.		

Geographical.

Bmbay—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Bombay—contd.	Kanara, Western Division; *Casuarina equisetifolia* one year in nursery, two years in plantation. Received from United Provinces Exhibition, Allahabad, 1910-11.		A 293.		
,,	Kanara, Western Division; *Casuarina equisetifolia* plantation general view 1-6 years old. Received from United Provinces Exhibition, Allahabad, 1910-11.		A 294, 295.		
,,	Kanara, Western Division; *Casuarina equisetifolia* one year in nursery, two years in plantation. Received from United Provinces Exhibition, 1910-11.		A 400.		
,,	Kanara, Western Division; Kodibag. Auction sale. Received from United Provinces Exhibition, Allahabad, 1910-11.		C 110.		
,,	Kanara, Western Division; Kodibag. Hauling logs into Depôt. Received from United Provinces Exhibition, Allahabad, 1910-11.		C 111.		
,,	Kanara, Western Division; Kodibag. Shipping timber. Received from United Provinces Exhibition, Allahabad, 1910-11.		D 126.		
,,	Loading timber on railway. (Locality unknown.)		D 22.		
,,	Poona; retirement of the Hon'ble Mr. A. T. Shuttleworth, Conservator of Forests. May 1899.		H 18.		
,,	*Prosopis spicigera* growing on lands beyond reach of river. (Locality unknown.)		A 79.	T 53.	
,,	*Tamarix orientalis* or *articulata* tree. (Locality unknown.)		A 82.		

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Bombay—concld.	*Tectona grandis* tree being felled by two wood cutters. (Locality unknown.)		C 17.		
„	Weighing fuel. (Locality unknown.)		C 18.		
„	Working in a fuel nursery. (Locality unknown.)		G 3.		
Burma	Bhamo District; teak with *tinwa* (*Cephalostachyum pergracile*) showing two girdled and two green teak trees. Nearest teak 11 feet 9 inches girth. Negative copied from a photo. by J. H. Lace.	J. H. Lace.	A 407.	T 3.	Appeared in Ind. For. Rec., Vol. III, Part I. Troup.—*A, Note on some Statistical and other Information regarding the Teak Forests of Burma, 1911.*
„	Bitakat; stump of teak (*Tectona grandis*) tree girdled and felled between 1830 and 1840, showing stump of new tree produced from original, and stool shoots of 3rd generation from latter on being girdled in 1888.		A 127.		
„	Bitakat; teak trees of 1830-40 simulating planting.		A 128.		
„	Bitakat; model teak tree 1830-40.		A 130.		
„	Bitakat; teak trees of 1830-40 showing stool shoots of 2½ seasons from tree girdled under 7 feet 6 inches condition of lease in 1888-89.		A 135.		
„	Bwet Reserve; *Myauk-chaw* (*Homalium tomentosum*).	J. W. Oliver.	A 255.	T 25.	
„	Chicago Exhibition; carved teak doorway.	„	J 8.		

Geographical.

Burma—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Burma—contd.	Chindwin (Upper); a well cleared and well kept 15 feet fire line in April. It follows the crest of a ridge.		A 321.		
„	Chindwin (Upper); a badly cleared but well kept 15 feet fire line in April. Three large trees shown on the line should have been removed at the original clearing, this fire line ascends a very steep slope in the background.		A 322.		
„	Chindwin; enormous exposed root system of a healthy specimen of a *Baing* tree (*Tetrameles nudiflora*) growing on a steep slope. The size can be gauged from the appearance of four men seated on and among the roots.		A 323.		
„	Chindwin; 6 feet path shewing small cutting to allow of descent to bed of Nankyila stream.		D 76.		
„	Chindwin; an unavoidably steep ascent on a 6 feet path which has here been stepped.		D 77.		
„	Chindwin; 6 feet path traversing dense bamboo jungle.		D 78.		
„	Chindwin; baggage elephant at Ngapuchaungwa.		E 19.		
„	*Dipterocarpus tuberculatus.* (Locality unknown.)	J. W. Oliver.	A 257.	T 15.	
„	Group; Mg. Tun, Mr. A. Weston, Mg. Pe, etc. (Locality unknown.)		H 6.		
„	Kachin; place of worship.	J. W. Oliver.	G 9.		
„	Kachin village.	„	G 7, 8.		
„	Kachins.	„	G 10.		
„	Katha; patch of unmixed teak forest in Mohnyin Reserve.	„	A 266.		

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Burma—contd.	Katha; grove of teak, Mohnyin Reserve.	J. W. Oliver.	A 254		
,,	Katha; pure teak forest, Mohnyin reserve. Teak tree in centre with man at base, 11 feet 4 inches in girth, 135 feet high, 93 feet bole, estimated to contain 320 cubic feet of timber.	R. S. Troup.	A 376.	S 3.	Appeared in Ind. For. Rec., Vol. III, Part I, Troup.—*A Note on some Statistical and other Information regarding the Teak Forests of Burma, 1911.*
,,	Katha; teak tree, height 152 feet, girth 10 feet 3 inches, bole 93 feet, estimated to contain 382 cubic feet of timber. Mohnyin Reserve.	,,	A 377.	S 4.	
,,	Katha; *Dipterocarpus tuberculatus*. Theyaung forest.	,,	A 381, A 382, A 383.	S 8. S 9. S 10.	
,,	Magwe. Natural teak, Taungdwingyi.	A. Rodger.	A 674.	P 16.	
,,	Magwe. *Gardenia* (Bur. *Hmanni*) in flower.	,,	A 675.	P 21.	
,,	Magwe. Remains of *In* forest.	,,	A 676.	P 22.	
,,	Magwe. Remains of *In* forest cleared for groundnut cultivation.	,,	A 680.	P 30.	
,,	Magwe. *In* coppice on abandoned temporary cultivation.	,,	A 681.	P 31.	
,,	Magwe. B. B. C. rest house near Taungdwingyi.	,,	D 146 and 147.	P 12 and 13.	
,,	Magwe. Burmese cultivavators gathering groundnuts on land cleared for cultivation.	,,	G 20 and 21.	P 28 and 29.	
,,	Magwe. Monastery compound.	,,	J 18 and 19.	P 25 and 26.	
,,	* Meiktila District, *Acacia catechu* showing stunted growth and tendency to die on badly drained localities.	R. S. Troup.	A 415 and 416.	P 2 and 3.	

* Not available for issue at present.

Geographical. — Burma—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Burma—contd.	Meiktila District, *Acacia catechu* on sandy alluvium in river bed.	R. S. Troup.	A 417.	P 4.	
„	Meiktila District, *Acacia catechu* on sandy alluvium by river-bed.	„	A 418 and 419.	P 5, and 6.	
„	Mogaung; teak in evergreen forest.	J. W. Oliver	A 251, 252.		
„	Mongmit State; *Ingyin* (*Pentacme suavis*) trees in Shweli Forest.	„	A 256.		
„	Myingyan. Scrub jungle on slope of Popa Hill.	A. Rodger.	A 677.	P 23.	
„	Myingyan. Vegetation (plantations, etc.) round spring on slopes of Popa.	„	A 678.	P 24.	
„	Pakokku Hill Tracts; a bird's eye view of two patches of *taungya* in teak-bearing forest, the more distant one about 250 acres.		A 315.		
„	Pakokku Hill Tracts; *taungya* patch in the teak belt and within 50 yards of the Reserve boundary. A large portion of the stumps are teak.		A 316.		
„	Pakokku Hill Tracts; *taungya* showing teak stumps and half burnt logs.		A 317.		
„	Pakokku Hill Tracts; the Te-chaung where it leaves the boundary. The width of this stream is getting greater every year at the expense of cultivated land; the direct result of denudation of the hill slopes by the *taungya*-cutting Chins.		A 318.		
„	Pakokku Hill Tracts; young "*tinshu*" (*Pinus khasya*) forest immediately above the teak belt, 3,000 feet above sea-level.		A 319.		

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Burma—contd.	Pakokku Hill Tracts; mature "*tinshu*" (*Pinus khasya*) forest immediately above the teak belt, 3,000 feet above sea-level.		A 320.		
„	Pakokku Hill Tracts; a Chin "beau" in full dress.		G 13.		
„	Pakokku Hill Tracts; a Chin chief in working dress.		G 14.		
„	Pakokku Hill Tracts; a Chin chief with wife and family.		G 15.		
„	Pakokku Hill Tracts; a group of Chin belles.		G 16.		
„	Pakokku Hill Tracts; a Chin chief with wife and family outside his residence.		G 17.		
„	Pakkokku Hill Tracts; a girdled teak tree 9 feet 6 inches in girth with forest guard on left with hammer.		C 34.		
„	Pakokku Hill Tracts; a girdled teak over 10 feet in girth, shewing blazes for hammer marking.		C 35.		
„	Pakokku Hill Tracts; a girdled teak over 11 feet in girth.		C 36.		
„	Pakokku Hill Tracts; transport elephants arriving at a girdling camp pitched in a pônzo area (abandoned patch of shifting cultivation).		E 20.		
„	Pegu Yoma; *Dillenia pentagyna* bark.	H. Slade.	B 2.		
„	Pegu Yoma; *Cratoxylon neriifolium* bark.	„	B 3.		
„	Pegu Yoma; *Dipterocarpus lævis* (Bur. *Kanyin*) bark.	„	B 4.		
„	Pegu Yoma; *Dipterocarpus tuberculatus* bark.	„	B 5.		

Geographical. — Burma—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Burma—contd.	Pegu Yoma ; *Shorea obtusa* bark.	H. Slade.	B 6.		
„	Pegu Yoma ; *Pentacme suavis* bark.	„	B 7.		
„	Pegu Yoma ; *Hopea odorata* bark.	„	B 8.		
„	Pegu Yoma ; *Bombax malabaricum* bark.	„	B 9.		
„	Pegu Yoma ; *Sterculia versicolor* (Bur. *Shaw byu*) bark.	„	B 10.		
„	Pegu Yoma ; *Pterospermum semisagittatum* bark.	„	B 11.		
„	Pegu Yoma ; *Garuga pinnata* bark.	„	B 12.		
„	Pegu Yoma ; *Schleichera trijuga* bark.	„	B 13.		
„	Pegu Yoma ; *Odina Wodier* bark.	„	B 14.		
„	Pegu Yoma ; *Spondias mangifera* bark.	„	B 15.		
„	Pegu Yoma ; *Dalbergia cultrata* bark.	„	B 16.		
„	Pegu Yoma ; *Millettia leucantha* (Bur. *Thinwin*) bark.	„	B 17.		
„	Pegu Yoma ; *Millettia Brandisiana* (Bur. *Thit pagan*) bark.	„	B 18.		
„	Pegu Yoma ; *Erythrina ovalifolia* (Bur. *Kôn Kathit*) bark.	„	B 19.		
„	Pegu Yoma ; *Erythrina lithosperma* (Bur. *Ye Kathit*) bark.	„	B 20.		
„	Pegu Yoma ; *Cassia fistula* bark.	„	B 21.		
„	Pegu Yoma ; *Xylia dolabriformis* (Bur. *Pyinkado*) bark.	„	B 22.		
„	Pegu Yoma ; *Acacia catechu*	„	B 23.		

Geographical. — Burma—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Burma—contd.	Pegu Yoma; *Albizzia stipulata* bark.	H. Slade.	B 24.		
„	Pegu Yoma; *Albizzia procera* bark.	„	B 25.		
„	Pegu Yoma; *Terminalia belerica* bark.	„	B 26.		
„	Pegu Yoma; *Terminalia chebula* bark.	„	B 27.		
„	Pegu Yoma; *Terminalia tomentosa* bark.	„	B 28.		
„	Pegu Yoma; *Anogeissus acuminata* bark.	„	B 29.		
„	Pegu Yoma; *Eugenia sp.* (Bur. *Thabye*) bark.	„	B 30.		
„	Pegu Yoma; *Careya arborea* bark.	„	B 31.		
„	Pegu Yoma; *Lagerstrōmia villosa* (Bur. *Zaunggale*) bark.	„	B 32.		
„	Pegu Yoma; *Lagerstrōmia Flos-Reginæ* (Bur. *Pyinma*) bark.	„	B 33.		
„	Pegu Yoma; *Duabanga sonneratiodes* bark.	„	B 34.		
„	Pegu Yoma; *Homalium tomentosum* bark.	„	B 35.		
„	Pegu Yoma; *Gardenia erythroclada* (Bur. *Hmanni*) bark.	„	B 36.		
„	Pegu Yoma; *Sarcocephalus cordatus* (Bur. *Ma-u*) bark.	„	B 37.		
„	Pegu Yoma; *Adina cordifolia* bark.	„	B 38.		
„	Pegu Yoma; *Adina sessilifolia* (Bur. *Teing*) bark.	„	B 39.		
„	Pegu Yoma; *Stephegyne diversifolia* (Bur. *Binga*) bark.	„	B 40.		
„	Pegu Yoma; *Hymenodictyon excelsum* bark.	„	B 41.		

Geographical.

Burma—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Burma—contd.	Pegu Yoma ; *Strychnos nux-vomica* bark.	H. Slade.	B 42.		
„	Pegu Yoma ; *Stereospermum chelonoides* bark.	„	B 43.		
„	Pegu Yoma ; *Tectona grandis* bark.	„	B 44.		
„	Pegu Yoma ; *Gmelina arborea* bark.	„	B 45.		
„	Pegu Yoma ; *Cicca albizzioides* bark.	„	B 46.		
„	Pegu Yoma ; *Briedelia retusa* bark.	„	B 47.		
„	Pegu Yoma ; Serow (*Nemorhœdus sumatrensis*) caught in forest.		E 18.		
„	Pegu Yoma ; camp of coolies for girdling teak, Toungoo.		G 6.		
„	Pegu Yoma ; Forest officer's camp, Toungoo and Shwegyin.		J 3 to 5.		
„	Pegu Yoma. Damage done to teak trees by fire.	A. Rodger.	A 669 to 673.	P 7 to 11.	Appeared in *Ind. For.*, Vol. XXXIII (1907), p. 17, illustrating article on "Effects of Fire in Teak Forest."
„	Popa. Scrub jungle on slope of Popa Hill, Myingyan District, Upper Burma.	„	A 677.	P 23.	
„	Popa. Vegetation (plantations, etc.) round spring on slopes of Popa. Myingyan District, Upper Burma.	„	A 678.	P 24.	
„	Prome Division ; *Xylia dolabriformis* and *Homalium tomentosum* in Bwet Reserve.	J. W. Oliver.	A 82.	T 18.	Appeared in *Ind. For.*, XXXI, 296.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Burma—contd.	Prome Division, cutch (*Acacia catechu*) tree with teak and cutch sowings in flowered bamboos, Bwet Forest.	J. W. Oliver	A 36.	T 7.	
,,	Pyinmana ; *Cephalostachyum pergracile* in flower.	,,	A 253.		
,,	Pyinmana ; Thudawma teak plantation, Aingye. Planted rains 1893.	,,	A 265, 267, 268.		
,,	Pyinmana, teak reproduction in Yeni Reserve where much dragging of timber had taken place. Negative copied from a photo by J. H. Lace.	J. H. Lace.	A 405.	T 1.	
,,	Pyinmana Division, teak growing under *Kanyin* (*Dipterocarpus alatus*) Kaing Reserve. Negative from a photo by J. H. Lace.	,,	A 406.	T 2.	
,,	* Pyinmana, four-wheeled timber cart, diameter of wheel 4 feet.	R. S. Troup.	C 46.	S 25.	
,,	Pyinmana ; two teak stumps, the high one showing old wasteful method of felling, the low one as always practised now. Undergrowth of *Bambusa tulda*. Yônbin Reserve.	,,	C 48.	S 27.	Appeared in Ind. For. Rec., Vol. III, Part I. Troup—*A Note on some Statistical and other Information regarding the Teak Forests of Burma, 1911.*
,,	* Pyinmana ; two pairs of buffaloes dragging *Pyinkado* log, Yanaung-myin Reserve.	,,	C 50.	S 29.	
,,	* Pyinmana ; teak logs placed in upper reaches of floating stream ready for flood, Kontha, Yeni Reserve.	,,	C 51.	S 30.	

* Not available for issue at present.

Geographical.

Burma—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Burma—contd.	* Pyinmana ; heaped teak logs in Yônbin Chaung at Kyathaung daung.	R. S. Troup.	C 52.	S 31.	
,,	* Pyinmana ; making Burmese timber carts in forest Ledagyi, Yeni Reserve.	,,	C 53.	S 32.	
,,	* Pyinmana ; Burmese timber-cart (Gindeik) Ledagyi, Yeni Reserve.	,,	C 54.	S 33.	
,,	* Pyinmana ; two-wheeled timber-cart ; diameter of wheel 5 feet 9 inches.	,,	C 55.	S 34.	
,,	Pyinmana ; Bombay-Burma timber cart.	J. W. Oliver.	D 59.		
,,	Pyinmana ; working elephant.	,,	D 64.		
,,	Pyinmana. Teak logs on dragging path prepared with cross billets (*dahlein-lan*). Kôntha, Yeni Reserve. 20th December 1906.	R. S. Troup.	D 131.	S 28.	Appeared in *Indian Forest Utilization*, Troup, 2nd Edition, 1912.
,,	Pyinmana. Corduroy road (*dahlein-lan*) for dragging teak logs. Billets not yet sunk in ground. Kôntha, Yeni Reserve. 20th December 1906.	,,	D 145.	S 26.	Ditto.
,,	Rangoon. Forest of *Bambusa polymorpha*, with Forest Officer's hut. Okkan Reserve.	A. Rodger.	A 679.	P 27.	
	Rangoon Division. Forest rest-house at Inthabaing.	,,	D 148 and 149.	P 14 and 15.	
,,	Rangoon Division. Path to Inthabaing rest-house.	,,	D 150.	P 17.	
,,	Rangoon Division. Elephants on the march, Okkan Chaung.	,,	E 52 and 53.	P 18 and 19.	

* Not available for issue at present.

Geographical.

Burma—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Burma—contd.	Ruby Mines Division; *Dipterocarpus tuberculatas*; natural reproduction in an area annually overrun by fire.	A. Rodger.	A 108.	P 1.	Appeared in For. Pamph. No. 13 Troup—Note on Burmese *In* wood.
„	Ruby Mines Division. Timber working by elephants.	A. Boyd.	D 127 to 129.	T 201 to 204.	
„	Ruby Mines Division. Temporary log-dragging bridge.	A. Rodger.	D 151.	P 20.	
„	Ruby Mines Division. Timber working by elephants.	A. Boyd.	D 152.	T 204.	Appeared in *Indian Forest Utilization.* Troup, 2nd Edition, 1912.
,	Shweli river; passenger raft of bamboos.	J. W. Oliver.	F 12.		
„	Shweli Forest, *Wabo-Myetsangyè* (*Dendrocalamus Hamiltonii*).	„	A 258.	T 9.	
„	Shweli Forest, *Thanawa* (*Thyrsostachys Oliveri*).	„	A 259.	T 14.	
„	Shwegyin; fire line, Zaha Reserve.		A 136.		
„	Shwegyin Division Forest Rest House.		D 36.	T 37.	
„	Shwegyin; teak rafts, Sittang river.		D 38.		
„	Southern Shan States; a large *taungya*. It extends over all the country visible except the hills on left.	G. R. Long.	A 207.		
„	Southern Shan States; the treeless *myelat* (middle country), a plateau about 3,500 feet high on west; almost completely denuded of trees by shifting cultivation and demands of local populace.	„	A 208.		

Geographical.

Burma—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Burma—contd.	Southern Shan States; pine and paddy, a rare combination. *Pinus khasya* growing near paddy fields.	G. R. Long.	A 209.		
„	Southern Shan States; a village of Goungtos or Zareins, a hill tribe, the members of which practise shifting cultivation, but also fire-protect their forests.	„	G 18.		
„	Southern Shan States. Taungya Fuel Reserve.	„	A 620 to 622 and A624—625.		
„	Southern Shan States. The treeless myelat denuded by shifting cultivation.	„	A 623.		
„	Southern Shan States. Taungya clearing.	W. H. Craddock.	A 626.		
„	*Taungya*; vigorous teak plant of six months, two-thirds natural size. (Locality unknown.)		A 133.		
„	*Tectona grandis*; plantation 12′ × 4′ of five seasons. (Locality unknown.)		A 134.		
„	*Tectona grandis* tree; grown from stump of tree girdled and felled between 1830 and 1840. (Locality unknown.)		A 132.		
„	*Tectona grandis* tree of 16′ girth *ficus*-bound. (Locality unknown.)		A 129.		
„	*Tectona grandis*; Forest camp in teak forest. (Locality unknown.)		J 11.	T 30.	
„	*Terminalia tomentosa*. (Locality unknown.)		A 43.	T 6.	
„	Tharrawaddy Division; teak *taungya* plantation in Môkka forest.		A 37.	T 29.	

Geographical. Burma—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Burma—contd.	Tharrawaddy Division; *Dipterocarpus alatus*, Thindawyo Reserve.	R. S. Troup	A 378.	S 5.	
,,	Tharrawaddy Division; group of *Dipterocarpus alatus*, Thindawyo Reserve.	,,	A 379.	S 6.	
,,	Tharrawaddy Division; *Dipterocarpus alatus*, Hmyachaung.	,,	A 380.	S 7.	
,,	Tharrawaddy Division. Forest rest house at Sèywa.	,,	C 63.	S 50.	
,,	Tharrawaddy; Burma Forest School group, 1902.	Maung Po Hti and Son.	H 21.		
,,	Thayetmyo; Divisional Forest officer's bungalow.	,,	D 37.		
,,	Thingannyinaung-Wenyaw teak plantation of 1856. Taken April 1894.	,,	A 131.		
,,	Timber-cart used in the forests. (Locality unknown.)	J. W. Oliver	D 92.		
,,	*Thyrsostachys siamensis*. (Locality unknown.)	W. J. Fane.	A 270 and 271.	S 55 and 4.	
,,	Toungoo Division; close view of a clump of Kyathaung bamboo (*Bambusa polymorpha*).	J. J. Rorie.	A 199.		
,,	Toungoo Division; a clump of *thaik* bamboo (*Bambusa tulda*).	,,	A 200.		
,,	Toungoo Division; flowered *tin* (*Cephalostachyum pergracile*) bamboo area; ground covered with young bamboo with dead standing bamboo in foreground and a teak tree behind.	,,	A 201.		
,,	Toungoo Division; clump of *Kyathaung* bamboo (*Bambusa polymorpha*) with old girdled teak stump in foreground.	,,	A 202.		

Geographical.	Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Burma—*concld.*	*Burma*—concld.	Toungoo Division ; a *ficus*-bound teak tree.	J. J. Rorie.	A 203.		
	,,	Toungoo Division ; green teak tree 16 feet girth.	,,	A 204.		
	,,	Toungoo Division. Teak regeneration on a fire trace ; one year old seedlings.	,,	A 205.		
	,,	Toungoo Division ; a *thitya* (*Shorea obtusa*) tree 14 feet girth.	,,	A 206.		
	,,	Toungoo Division ; damage done by tapping *Dipterocarpus alatus* for wood-oil.	,,	C 80.	S 107.	Appeared in *Indian Forest Utilization*, Troup, 2nd Edition, 1912.
	,,	Toungoo Division ; large *kanyin* tree (*Dipterocarpus alatus*) 22 feet in girth, shewing wound at base caused by extracting *Kanyin*-oil with the help of fire.	,,	C 81.		
	,,	Toungoo Division, teak logs.	,,	C 82.		
	,,	Toungoo ; forest officer's bungalow.		D 39.		
	,,	Toungoo Division ; big block of teak logs in a stream.	J. J. Rorie.	D 102 and 103.		
	,,	Toungoo Division ; teak rafts on the river Sittang.	,,	D 104.		
	,,	Toungoo Division : elephants dragging teak logs.	,,	D 105.		
	,,	Zagunchaung ; teak trees in ever-green forest, south of Mogaung.	J. W. Oliver.	A 264.	T 63.	
	,,	Zigon Division ; Myodwin teak plantation, about forty years.		A 499.	T 21.	
Central Provinces (including Berar).		* Balaghat ; *Butea frondosa* trees indiscriminately lopped for lac without any system.	R. S. Troup.	C 58.	S 39.	

* Not available for issue at present.

Geographical.

Central Provinces (including Berar)—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Central Provinces (including Berar)—contd.	Buldana District (Berar); *Adansonia digitata*. View taken at Karwand.		A 104.		
„	Camp scene. (Locality unknown.)		J 2.		
„	Chikalda; hay making scene.		C 25.		
„	Chikalda; Forest officer's bungalow and office.		D 30.		
„	Ellichpur; the Sipnadeo and its child; largest teak in the Melghat.		A 278.		
„	Ellichpur; the Sipnadeo teak tree. Height 90 feet, girth 9 feet 10 inches.		A 280.		
„	Ellichpur Division; construction of forest road.		D 31.		
„	E. R. Dourte and Guard Bassessur Singh; group. (Locality unknown.)	Thomas Martin.	H 7.		
„	Karwand; *Andansonia digitata*, 42 feet girth.		A 279.		
„	Mandla; Satin-wood (*Chloroxylon Swietenia*) much lopped for fuel, showing poor rocky ground on which it often grows. Height about 15 feet, girth 3 feet 6 inches (tree on left).	R. S. Troup.	A 385.	S 12.	
„	Mandla; sawing sleepers in the forest.	A. M. F. Caccia.	C 67.	Q 44.	
„	Mandla; sawing with pit saw in forest.	„	C 68, 69.	Q 43 and 42.	
„	Nagpur. Reafforestation of Seminary Hill.	S. Shalem.	A 616—619.		Appeared in *Ind. For.*, XXXVI, Jan.-Feb.
	Raipur; *Diospyros tomentosa* root suckers.	A. E. Lowrie	B 48 to 51.		
„	* Raipur. Lac on twigs of *Schleichera trijuga*: a good crop on left, on right lac much damaged by attacks of moth *Hypatima pulverea, Meyr.*	R. S. Troup.	C 57.	S 41.	

* Not available for issue at present.

Geographical.	Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Central Provinces (including Berar)—*concld.*	*Central Provinces (including Berar)*—concld.	* Raipur; number tablet fixed on *kussam* tree in connection with the cultivation of lac.	R. S. Troup.	C 64.	S 52.	
	,,	Sikar scene, Berar. (Locality unknown.)		E 14		
	,,	*Tectona grandis*. Teak in mixed forest with bamboos. (Locality unknown.)		A 106.	T 46.	
	Eastern Bengal and Assam.	Jalpaiguri Division. Appearance of a *sal* forest which was subjected to numerous fires 30 years previously, but successfully protected since then.	B. C. Sen Gupta.	A 682.	Q 92.	
	,,	Jalpaiguri Division. Appearance of a *sal* forest before improvement felling.	,,	A 683.	Q 93.	
	,,	Jalpaiguri Division. Appearance of a *sal* forest after improvement felling.	,,	A 684.	Q 94.	
	,,	Jalpaiguri Division. An extraordinary case of healthy, stout coppice shoots from a *sal* tree of over 7 feet girth which was felled in the improvement felling in Muraghat forests as an overmature tree.	,,	A 693.	Q 108.	
	,,	Jalpaiguri Division. *Macaranga denticulata* 6 years after sowing along both the sides of a road passing through thick savannahs which have now been entirely killed by the *Macaranga*.	,,	A 694.	Q 109.	This may be taken as the supplement to the photographs which appeared in May and November numbers of Volume XXXVII of the *Indian Forester*.

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Eastern Bengal and Assam—contd.	Jalpaiguri Division. Good natural reproduction of *sal* under parent trees in a forest reserved for two years only. (The object was to show that though as a rule, we do not get good natural regeneration of *sal* under the parent trees in a well protected forest, it is excellent in an unprotected area.)	B. C. Sen Gupta.	A 695.	Q 110.	
„	Jalpaiguri Division. *Sal* seedlings coming up well under the deep shade of *Macaranga denticulata* (to show the shade enduring power of *sal* in the young stage).	„	A 696.	Q 111.	
„	Jalpaiguri Division. Appearance of a *sal* coupe, Muraghat forests, one year after the improvement felling.	„	A 697.	Q 112.	
„	Jalpaiguri Division. Appearance of a *sal* coupe, Muraghat forests, after two successive years' cleaning after the improvement felling and just before the third year's cleaning.	„	A 698.	Q 113.	
„	Jalpaiguri Division. Appearance of a *sal* coupe, Muraghat forests, after two successive year's cleaning after the improvement felling and just after third year's cleaning.	„	A 699.	Q 114.	
„	Jalpaiguri Division. A mature *sal*, leafless.	„	A 700.	Q 126.	
„	Jalpaiguri Division. A mature *sal*, in full leaf.	„	A 701.	Q 127.	
„	Jalpaiguri Division. Mature *Terminalia belerica*, leafless.	„	A 702.	Q 128.	
„	Jalpaiguri Division. Mature *Terminalia belerica*, when in full leaf.	„	A 703.	Q 129.	

Geographical.	Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Eastern Bengal and Assam— *contd.*	*Eastern Bengal and Assam* —contd.	Jalpaiguri Division. A mature *Dillenia pentagyna*, leafless.	B. C. Sen Gupta.	A 704.	Q 130.	
	,,	Jalpaiguri Division. A mature *Dillenia pentagyna*, when in full leaf.	,,	A 705.	Q 131.	
	,,	Jalpaiguri Division. A *Sterculia villosa*, leafless.	,,	A 706.	Q 132.	
	,,	Jalpaiguri Division. A *Sterculia villosa*, in full leaf.	,,	A 707.	Q 133.	
	,,	Jalpaiguri Division. A *Careya arborea*, leafless.	,,	A 708.	Q 134.	
	,,	Jalpaiguri Division. A *Careya arborea*, in full leaf.	,,	A 709.	Q 135.	
	,,	Jalpaiguri Division. A *Lagerstræmia parviflora* leafless.	,,	A 710.	Q 136.	
	,,	Jalpaiguri Division. A *Lagerstræmia parviflora*, in full leaf.	,,	A 711.	Q 137.	
	,,	Jalpaiguri Division. An *Odina Wodier*, leafless.	,,	A 712.	Q 138.	
	,,	Jalpaiguri Division. An *Odina Wodier*, in full leaf.	,,	A 713.	Q 139.	
	,,	Jalpaiguri Division. A *Bischofia Javanica*, in full leaf.	,,	A 714.	Q 140.	
	,,	Jalpaiguri Division. A *sal* seed before germination.	,,	B 87.	Q 115.	
	,,	Jalpaiguri Division. *Sal* seed burst and radicle coming out; only the point is seen.	,,	B 88.	Q 116.	
	,,	Jalpaiguri Division. *Sal* seed burst and radicle coming out; only the point is seen, more developed.	,,	B 89.	Q 117.	
	,,	Jalpaiguri Division. *Sal* seed burst and radicle coming out; only the point is seen. Still more developed.	,,	B 90 and 91.	Q 118 and 119.	

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Eastern Bengal and Assam—contd.	Jalpaiguri Division. *Sal* seed burst and radicle coming out; only the point is seen. Cotyledons separated but plumule not appeared as yet.	B. C. Sen Gupta.	B 92.	Q 120.	
„	Jalpaiguri Division. *Sal* seed burst and radicle coming out; only the point is seen, hypocotyl developed, but foliage leaves not yet appeared.	„	B 93.	Q 121.	
„	Jalpaiguri Division. *Sal* seed burst and radicle coming out; only the point is seen. First pair of foliage leaves partly developed but not unfolded as yet, while second pair of them appearing.	„	B 94.	Q 122.	
„	Jalpaiguri Division. *Sal* seed burst and radicle coming out; only the point is seen. Foliage leaves fully developed, but they are opposite.	„	B 95.	Q 123.	
„	Jalpaiguri Division. *Sal* seed burst and radicle coming out; only the point is seen. A fully developed *sal* seedling.. First pair of leaves opposite, then rest alternate.	„	B 96.	Q 124.	
„	Jalpaiguri Division. A *sal* seedling, several years old, which gave out new shoots every year before it could establish itself.	„	B 97.	Q 125.	
„	Jalpaiguri Division. Mode of sawing as is done by the Nepalese.	„	C 113.	Q 95.	
„	Jalpaiguri Division. Mode of sawing as is done by the Bengalees.	„	C 114.	Q 96.	
„	Jalpaiguri Division. Mode of sawing as is done by the Bengalees, another way.	„	C 115.	Q 97.	

Geographical.	Index title.	Subject.	Photographer's name.	Print No.	Negative. No.	Remarks.
Eastern Bengal and Assam—concld.	*Eastern Bengal and Assam*—concld.	Jalpaiguri Division. Mode of sawing as is done by the Behari people.	B. C. Sen Gupta.	C 116.	Q 98.	
	,,	Jalpaiguri Division. The quickest and easiest way of splitting bamboos.	,,	C 117.	Q 99.	
	Madras . .	Coimbatore Division; elephants at work, Mount Stuart.		D 29.		
	,,	Coimbatore Division; noosing a small captured tusker.		E 12.		
	,,	Coimbatore Division; the elephant camp, Anapady, Mount Stuart.		G 5.		
	,,	Coimbatore, South; large *Terminalia tomentosa* tree, Anamalais.		A 102.		
	,,	Coimbatore, South; large teak tree, Anamalais.		A 103.		
	,,	Malabar Division; elephant dragging by teeth.		D 28.		
	,,	Malabar Division; elephant kraals, Nilambur.		E 13.		
	,,	Malabar, South: young teak (*Tectona grandis*) plantation, Nilambur.		A 100.		
	,,	Malabar, South; the giant bamboo clump, Aravillakava, Nilambur.		A 101.		
	,,	Nilgiris; *Frenela rhomboidea* plantation.		A 97.	T 43.	
	,,	Nilgiris: *Eucalyptus* in Aramby plantation.		A 99.	T 58.	
	,,	Salem District, forest scene.		F 23, 24		
	,,	South Kanara Division, an *Acacia catechu* tree.		A 98.	T 45.	
	Native States .	Bhutan. Effect of denudation on account of disforestation of the hill slopes of Bhutan.	B. C. Sen Gupta.	A 685.	Q 100.	
	,,	Bhutan. Effect of denudation. Distant view of some landslips as the effect of disforestation of the hill slopes of Bhutan.	,,	A 686.	Q 101.	

Geographical. — Native States —*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Native States—contd.	Bhutan. Near view of the disforested hill slopes where villages have settled.	B. C. Sen Gupta.	A 687.	Q 102.	
„	Bhutan. Effect of denudation on the Government forest (Jalpaiguri Division) caused by the disforestation of the hill slopes of Bhutan.	„	A 688 to 690.	Q 103 to 105.	
„	Bhutan. Shows how much débris has been deposited by the denudation. The man with the vertical pole stands in the pit dug in the vain attempt to find the foot of the trees after removing the sand and rubble.	„	A 691.	Q 106.	
„	Bhutan. A portion of the forest close to the above areas but not yet subjected to the effect of denudation.	„	A 692.	Q 107.	
„	Patiala State; *Dendrocalamus strictus* seedling in flower.		B 55.	U 60.	
„	Tehri State; see also under *United Provinces—Jaunsar.*				
„	Tehri State; temple of Gangotri at 10,300 feet, showing deodar forest on southern aspect. Stunted growth; trees mostly unsound, very little reproduction. Bhagirathi valley.	E. A. Courthope.	A 424.	S 58.	
„	Tehri State; *jhula* or grass rope bridge over Bhagirathi river.	„	D 87.	S 62.	
„	Tehri State; bridge over Jadh Ganga and Jhala, built by Mr. O'Callaghan of the Forest Department when in charge of the forest; bridge spans 250 feet approximately and 450 feet approximately above the bed of the gorge.	„	D 88.	S 76.	

Geographical.

Native States —*concld.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Native States—concld.	Tehri State. Top of the Bhilangna valley taken from Gangi village, forest mostly spruce and silver fir on left bank, *kharshu* oak on right bank.	E. A. Courthope.	F 32.	S 68.	
„	Tehri State. Gangotri glacier.	„	F 36.	S 99.	
„	Tehri State. The bed of what must have been a lake about 1,200 feet deep starting from just above Durall valley down to about four miles below Harsil. The lake was caused by a landslip according to tradition (borne out by appearance) caused by an earthquake over 100 years ago. There is a difference of about 1,200 feet at the bottom and top of the old lake.	„	F 38.	S 101.	
Punjab.	Banamghatti. Suspension bridge from river-bed to opposite hill.		D 68, 69.		
„	Bashahr Division. Forest of deodar.		A 38.	T 8.	
„	Bashahr Division. Forest of deodar shewing the results of lopping and mutilation.		A 39.	T 22.	
„	Bashahr Division. Very old gnarled deodar.		A 40.		
„	Bashahr Division. Young deodar forest in the Sutlej valley.		A 41.	T 19.	
„	Bashahr State. Forest of *Pinus longifolia.*	J. H. Lace.	A 260.	T 24.	
„	Bashahr State. Deodar grove in the Pabar valley.	G. S. Hart.	A 422.		
„	Bashahr State. Baspar valley; deodar trees in foreground.	„	A 423.		
„	Bashahr State. Timber logs on a slide.	J. H. Lace.	D 60.	T 17.	

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Punjab—contd.	Chamba State. Deodar forest on the Chenab, Pangi valley.	J. H. Lace.	A 420.		
„	Chamba State. View in Bhandal valley.	„	F 31.		
„	Changa Manga. *Dalbergia sissoo* plantation.		A 35.	T 13.	
„	Changa Manga. Group of *Eucalyptus* trees.		A 118, 119.		
„	Changa Manga. A *Rajbaha* (watercourse).		F 8.		
„	Changa Manga. View of a coupe shewing *Shisham* (*Dalbergia sissoo*) standards and coppice six months old.		A 121.		
„	Changa Manga. View of a coupe after the brushwood has been burnt and the coppice has commenced to come up.		A 122.		
„	Changa Manga. View of a coupe before brushwood has been burnt.		A 123.		
„	Changa Manga. View in a *Shisham* (*Dalbergia sissoo*) forest, 17 years old.		A 124.		
„	Changa Manga. Mulberry.	C. G. Rogers.	A 262.		
„	Changa Manga. Sissoo .	„	A 263.		
„	Changa Manga. The fuel depôt.		C 26.	S 206.	Appeared in *Indian Forest Utilization*, Troup, 2nd Edition, 1912.
„	Changa Manga. The forest bungalow.		D 32.		
„	Changa Manga. A forest road.		D 33.		
„	Changa Manga. Country cart drawn by two pairs of bullocks, carrying capacity 200 cubic feet stacked.		D 34.		

Geographical.

Punjab—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Punjab—contd.	Changa Manga. Three tramway trucks drawn by a pair of bullocks, carrying capacity 330 cubic feet stacked.		D 35.		
„	*Dalbergia sissoo.* Forest about twenty years old. (Locality unknown.)		A 117.		
„	Lahore. *Shisham* coppice under standards.		A 298.		
„	Hosiarpur. General view of the Chos.	Fazaluddin.	A 603.		
„	Hosiarpur. Plot No. 1 (Block A). Chos.	„	A 604.		
„	Hosiarpur. Plot No. 2 (Block A) eastern slope. Chos.	„	A 605.		
„	Hosiarpur. Plot No. 2, (Block A) south-western slope. Chos.	„	A 606.		
„	Hosiarpur. Plot No. 3 (Block A). Chos.	„	A 607.		
„	Hosiarpur. Plot No. 3 (Block A). Chos.	„	A 608.		
„	Hosiarpur. Plot No. 4 (Block B). Chos.	„	A 609.		
„	Hosiarpur. Plot No. 5 (Block C) north-western slope. Chos.	„	A 610.		
„	Hosiarpur. Plot No. 5 (Block C) south-western slope. Chos.	„	A 611.		
„	Hosiarpur. Example of slip erosion. Chos.	„	A 612 to 615.		
„	Shahpur Kundi ; view in a *Pinus longifolia* forest.		A 125 and 126.		
„	Shahpur Division. Pabbi Forest, area unplanted and heavily grazed.	„	A 588 to 594.		
„	Shahpur Division. Pabbi Forest, area unplanted and closed to grazing.	„	A 595 and 596.		

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Punjab—concld.	Shahpur Division. Pabbi Forest, area planted and closed to grazing.	Fazaluddin.	A 597 to 602.		
*United Provinces.**	Allahabad Exhibition, 1910-11. *Acacia catechu* tree.	Basti Ram.	A 213.	S 135.	
„	Allahabad Exhibition, 1910-11. *Moringa pterygosperma.*	„	A 214.	S 137.	
„	Allahabad Exhibition, 1910-11. *Symplocos cratægoides* tree.	„	A 228.	S 139.	
„	Allahabad Exhibition, 1910-11. *Cassia fistula* tree.	„	A 230.	S 134.	
„	Allahabad Exhibition. 1910-11. *Sál* saplings.	„	A 238.	S 145.	
„	Allahabad Exhibition, 1910-11. *Terminalia belerica* tree.	„	A 247.	T 146.	
„	Allahabad Exhibition 1910-11. *Adina cordifolia* tree.		A 335.		
„	Allahabad Exhibition, 1910-11. *Ficus bengalensis* tree, showing aerial roots.		A 336.		
„	Allahabad Exhibition, 1910-11. *Bombax malabaricum*; large buttressed tree.		A 337.		
„	Allahabad Exhibition, 1910-11. A branch of *Dhak* flowers (*Butea frondosa*).	Basti Ram.	B 70.	S 170.	
„	Allahabad Exhibition, 1910-11; *Simal* flowers (*Bombax malabaricum*).	„	B 71.	S 168.	
„	Allahabad Exhibition, 1910-11. Leaves and capsules of *Padal* (*Stereospermum suaveolens*).	„	B 72.	S 167.	

* Photographs indexed under *Allahabad Exhibition* are only those Exhibition photographs the locality of which is unknown, or photographs actually taken at the Exhibition. Photographs received from the Exhibition, the locality of which is known, will be found under the locality concerned.

Geographical.

United Provinces—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—contd.	Allahabad Exhibition, 1910-11. Flowers and capsules of *Padal* (*Stereospermum suaveolens*).	Basti Ram.	B 73.	S 169.	
,,	Allahabad Exhibition, 1910-11. Capsules of *Padal* (*Stereospermum suaveolens*).	,,	B 74.	S 165.	
,,	Allahabad Exhibition, 1910-11. Flowers and pods of *Dhak* (*Butea frondosa*).	,,	B 75.	S 164.	
,,	Allahabad Exhibition, 1910-11. Flowers of *Butea frondosa*.	,,	B 76.	S 166.	
,,	Allahabad Exhibition, 1910-11. Charcoal Kilns.		C 106.		
,,	Allahabad Exhibition, 1910-11. Aerial ropeway, Forestry Court.	Basti Ram.	D 116 and 117.	V 24 and 72.	
,,	Allahabad Exhibition, 1910-11. View of natural history and jungle scene. Forestry Court.	,,	E 50, 51.	V 65 and 67.	
,,	Allahabad Exhibition, 1910-11. View showing the Forestry Court.	,,	J 6.	V 7.	
,,	Allahabad Exhibition, 1910-11. Interior view. Forestry Court.	,,	J 12 to 17.	V 66, 68, 69, 70, 71, and 73.	
,,	Bahraich. *Sál* coppice-with-standards, immediately after fellings.	F. A. Lecte.	A 19.		Appeared in *Indian Forester*, Volume, XXXII, 1906.
,,	Bahraich. Chakia *Sál* forest, after completion of improvement fellings.	,,	A 20.		
,,	Bahraich. Untouched forest, principally *Sál*, of all ages up to poles.	,,	A 21.		
,,	Bahraich. *Sál* coppice-with-standards seven months after felling.	,,	A 22.		Appeared in *Indian Forester*, Volume, XXXII, 1906.

Geographical. United Provinces *contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—contd.	Bahraich Division. *Sál* coppice-with-standards coupe. Received from United Provinces Exhibition, Allahabad, 1910-11.	H. Jackson.	A 365.	V 64.	
„	Bahraich Division. Hollow *Sál* log for boat hull. Received from United Provinces Exhibition, Allahabad, 1910-11.	„	C 103 and 104.	V 45 and 46.	
„	Bahraich. Kakandari forest rest house in *sál* forest.	F. A. Leete.	D 7.		
„	Bahraich. Abdullaganj forest rest house in *sál* forest.	„	D 8.		
„	Chakrata Division. See also under *Jaunsar*.				
„	Chakrata Division. Deodar natural reproduction on edge of blank round old seedbearers. Received from Allahabad Exhibition, 1910-11.		A. 338.		
„	Chakrata Division; telescopic floating. Received from Allahabad Exhibition, 1910-11.		D 118.		
„	Chakrata Division, suspension bridge over the Tons river. Received from Allahabad Exhibition, 1910-11.		D 119.		
„	Chakrata Division. Wire rope-way. Received from Allahabad Exhibition, 1910-11.		D 120.		
„	* Chakrata Division. *Quercus semecarpifolia*. Dense crop of natural seedlings coming up in opened out forest. Regeneration plot in Mohna block. Deoban, 17th September 1911.	R. S. Troup.	A 627.	S 206.	
„	* Chakrata Division. *Quercus semecarpifolia* forest opened out, Mohna block. 17th September 1911.	„	A 628.	S. 207.	

* Not available for issue at present.

Geographical.	Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—*contd.*	*United Provinces*—contd.	* Chakrata Division. Silver Fir (*Abies pindrow*) coming up naturally in *Quercus semecarpifolia* forest, Mohna block. 17th September 1911.	R. S. Troup.	A 629.	S 208.	
	,,	* Chakrata Division. Forest of silver fir and spruce, with younger silver fir of different ages coming up in slight opening in the canopy, Kanjatra, 19th September 1911.	,,	A 630.	S 209.	
	,,	* Chakrata Division. Snow-break in dense pole crop of *Quercus semecarpifolia*. Elevation 9,000 feet, aspect E., above Konain, 19th September 1911.	,,	A 631.	S 213.	
	,,	* Chakrata Division. Good natural regeneration of spruce up to 18 feet high in a large gap in spruce forest elevation 8,500′ aspect N., Kanjatra, 19th September 1911.	,,	A 632.	S 211.	
	,,	* Chakrata Division. Dense pure forest of blue pine on old cultivated land, the result of 40 years' protection from fire, Konain, elevation 7,800′ 21st September 1911.	,,	A 633.	S 212.	
	,,	* Chakrata Division. Dense young Deodar natural reproduction, chiefly 1 to 3 feet high, coming up in a block round a seed bearer, Konain, 21st September 1911.	,,	A 634.	S 217	
	,,	* Chakrata Division. Large forked deodar seed bearer with good crop of regeneration in pole stage round it. 23rd September 1911.	,,	A 641.	S 218.	
	,,	* Chakrata Division. Sample plot No. 8. Dense pure deodar forest, Konain, 23rd September 1911.	,,	A 642.	S 219.	

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—contd.	* Chakrata Division. Deodar plantation with natural *kail* standing over it. *Kail* lopped to allow deodar to come up, Konain, 23rd September 1911.	R. S. Troup.	A 643.	S 220.	
,,	* Chakrata Division. Deodar forest, showing tendency to regenerate in groups. Group of young growth 10-15 feet high in foreground (seed bearer recently felled above it), older group in background, evidently regenerated in same way, height about 100 feet; Konain, 23rd September 1911.	,,	A 644.	S 221.	
,,	* Chakrata Division. Dense natural regeneration of deodar 40′-50′ high obtained from seed-bearers recently felled, leaving a blank under them. Konain, 23rd September 1911.	,,	A 645.	S 222.	
,,	* Chakrata Division. A hot rocky southern slope on which deodar reproduction has failed, although very successful all round on deeper soil. Konain, 23rd September 1911.	,,	A 646.	S 223.	
,,	* Chakrata Division. Sample plot No. 7. Deodar forest in which a thinning has just been made. Konain, 25th September 1911.	,,	A 647.	S 224.	
,,	* Chakrata Division. Temporary forest nursery containing chiefly deodar plants 3 years old. In foreground deodar 1 year old in nursery beds. *Pinus excelsa* in blanker looking beds in centre. Koti Kanasar, 26th September 1911.	,,	A 648.	S 225.	

* Not available for issue at present.

Geographical.

United Provinces—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—contd.	* Chakrata Division. A fine pure even aged crop of deodar, grown up on abandoned cultivation. Mean height 122 feet, mean girth 5′-7″, age 60 years. Koti Kanasar, 26th September 1911.	R. S. Troup.	A 649.	S 226.	
,,	* Chakrata Division. Four years old natural deodar seedlings, up to 10″ high, covering the ground in a small gap in deodar pole forest, caused by snow-break. Koti Kanasar, 26th September 1911.	,,	A 650.	S 227.	
,,	* Chakrata Division. Two deodar nursery plants, each 3 years old (larger 3′ 3″ from top of shoot to tip of root). Koti Kanasar, 26th September 1911.	,,	A 651.	S 228.	
,,	* Chakrata Division. Three *Pinus excelsa* nursery plants, each 3 years old. (Centre one 2′ 1″ from top of shoot to tip of root), KotiK anasar, 26th September 1911.	,,	A 652.	S 229.	
,,	* Chakrata Division. Damage by snow in deodar pole forest. Aspect N.-N. W., elevation, 6,000 feet, Koti Kanasar, 1st October 1911.	,,	A 653.	S 230.	
,,	* Chakrata Division. Deodar, chir pine, and blue pine reproduction coming up in chir forest where the chir and deodar zones meet. Altitude 6,000′. Aspect N.-W. Koti Kanasar, 1st October 1911.	,,	A 654 to 658	S 231 to 235.	
,,	* Chakrata Division. Sample plot No. 10. Dense natural pole crop of pure *Pinus excelsa*, unthinned. Koti Kanasar, 2nd October 1911.	,,	A 659 and 660.	S 237 and 238.	

* Not available for issue at present.

Index title.	Subject	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—contd.	* Chakrata Division. Sample plot No. 9. Pure natural pole crop of *Pinus excelsa*, thinned. Koti Kanasar, 2nd October 1911.	R. S. Troup.	A 661.	S 239.	
„	* Chakrata Division. View from Deoban, 9,000 feet. *Quercus semecarpifolia* trees in foreground, 12th October 1911.	„	A 662.	S 240.	
„	* Chakrata Division. Sample plot No. 2. *Quercus semecarpifolia* pole forest, 13th October 1911.	„	A 663.	S 241.	
„	* Chakrata Division. Typical dense thicket of *Quercus semecarpifolia* reproduction, 10′-15′ high, sprung up on a blank below seed-bearers, Deoban, 9,000′, 13th October 1911.	„	A 664.	S 242.	
„	* Chakrata Division. Deodar branch covered with ripe male cones. Konain, 20th September 1911.	„	B 80.	S 210.	
„	* Chakrata Division. Deodar branch showing 4 female cones at time of fertilization, and axis of an old cone of last year. Konain, 20th September 1911.	„	B 81.	S 214.	
„	* Chakrata Division. Deodar female cones just before opening. Konain, 21st September 1911.	„	B 82.	S 215.	
„	* Chakrata Division. Deodar female cones of 2 successive years on same branch, and axis of former cones. Konain, 21st September 1911.	„	B 83.	S 216.	
„	* Chakrata Division. Top of deodar pole attacked by the fungus *Peridermium* (*Æcidium*) *cedri*. Koti Kanasar, 2nd October 1911.	„	B 84.	S 236.	

* Not available for issue at present.

Geographical.	Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—*contd.*	*United Provinces*—contd.	* Chakrata Division. *Pinus excelsa* cones of present year, immediately before opening, and of previous year (opened), Bodyar, 7th October 1911.	R. S. Troup.	B 85.	S 248.	
	,,	* Chakrata Division. *Abies pindrow* cones immediately before ripening, Bodyar, 7th October 1911.	,,	B 86.	S 249.	
	,,	* Chakrata Division. Dense natural reproduction of *Quercus semecarpifolia* in an opened out overwood. Deoban, 9,000 feet, 13th October 1911.	,,	A 665.	S 243.	
	,,	* Chakrata Division. Dense natural reproduction of *Quercus semecarpifolia* on edge of wood, owing to abundance of light. Deoban, 9,000′, 13th October 1911.	,,	A 666.	S 244.	
	,,	* Chakrata Division. Fringe of natural reproduction of *Quercus semecarpifolia* all round edge of wood. Deoban, 9,000′, 13th October 1911.	,,	A 667.	S 245.	
	,,	* Chakrata Division. Deodar plantation, 4′ × 4′, age 37 years, Bodyar, 5th October 1911.	,,	A 668.	S 246.	
	,,	Chakrata Division. Suspension bridge over the Tons river. Received from Allahabad Exhibition, 1910-11.		D 121.		
	,,	Chakrata Division. Sleeper slide. Received from Allahabad Exhibition, 1910-11.		D 123.		
	,,	Chakrata Division. Wire rope-way and sleeper slide. Received from Allahabad Exhibition, 1910-11.		D 124.		

* Not available for issue at present.

Geographical. — United Provinces—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—contd.	Chakrata Division. Sleeper slide crossing bridge. Received from Allahabad Exhibition, 1910-11.		D 125.		
,,	* Chakrata Division. Cones of *Pinus excelsa* opened by the nutcracker (*Nucifraga*) and the seeds eaten, Bodyar, 5th October 1911.	R. S. Troup.	E 45.	S 247.	
,,	Dehra Dun. See also under *Siwalik Division.*				
,,	Dehra Dun. *Sál* forest (*Shorea robusta*) fire-protected, shewing good natural regeneration.		A 28.	U 5.	
,,	Dehra Dun. typical *Sál* tree (*Shorea robusta*).		A 29.	U 39.	
,,	Dehra Dun. *Adina cordifolia.*		A 30.	U 27.	
,,	Dehra Dun. *Sál* forest (*Shorea robusta*) not fire-protected, shewing poor natural regeneration and distorted growth.		A 31.	U 4.	
,,	Dehra Dun. *Terminalia tomentosa.*		A 32.	U 3.	
,,	Dehra Dun. *Dalbergia sissoo.*		A 33.	U 83.	
,,	Dehra Dun. *Sál* (*Shorea robusta*), pole forest.		A 34.	U 37.	
,,	Dehra Dun. Dense growth of *Sál* (*Shorea robusta*) seedlings under *Eugenia operculata.*		A 70.	U 30.	
,,	Dehra Dun. *Eugenia operculata* trees on an area frequently burnt showing absence of young *Sál* (*Shorea robusta*) underneath.		A 71.		
,,	Dehra Dun. *Eugenia operculata* trees on an area protected from fire, showing abundant *Sál* (*Shorea robusta*) growth coming underneath.		A 72	U 91.	

* Not available for issue at present.

Geographical.

United Provinces—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—contd.	Dehra Dun. *Butea frondosa* in flower.	T. B. Chitrakar.	A 114.	S. 53.	
,,	Dehra Dun. *Sál* near Kansrau.		A 296.		
,,	Dehra Dun. *Sál* coppice under standards, Asarori.		A 303.		
,,	Dehra Dun. Ideal location for fire line, Phandowala.		A 304.		
,,	* Dehra Dun. *Sál* forest worked on the uniform method, in the final stage; young growth in foreground, and older trees awaiting final felling in background. Thano Forest.	R. S. Troup.	A 372 and 373.	Q 7 and 8.	
,,	* Dehra Dun. Effect of frost in killing back *sál* poles and causing internal unsoundness.	T. B. Chitrakar.	A 501 and 502.	T 64 and 65.	
,,	* Dehra Dun. Natural reproduction of *Sál* coming up on a heap of road metal.	,,	A 504.	T 67.	
,,	* Dehra Dun. Natural reproduction of *Sál* (seedlings of one rains) along the side of a cart track.	,,	A 505.	T 68.	
,,	* Dehra Dun. Plantation of *Pinus longifolia* at Lachiwala.	,,	A 506.	T 69.	
,,	* Dehra Dun. Dense growth of pure young poles of *Sandan* (*Ougeinia dalbergioides*) average girth 5′ 4″, average height 16′, number of stems per acre 11,500, Tirsal forest.	,,	A 507.	T 70.	
,,	* Dehra Dun. Natural reproduction of *Sain* (*Terminalia tomentosa*) seedlings of one rains, height about 4″ to 6″.	,,	A 508.	T 71.	

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks
United Provinces—contd.	* Dehra Dun ; natural reproduction of *Eugenia jambolana*, on soft sandy soil ; seedlings of one rains, about 6″ in height.	T. B. Chitrakar.	A 509.	T 72.	
,,	Dehra Dun ; turpentine still.	J. S. Gamble.	C 29.		
,,	* Dehra Dun ; fuel stack showing method of supporting the stack by longitudinal billets at the ends.	R. S. Troup.	C 43.	Q 12.	
,,	* Dehra Dun ; sawing with frame saw and Delhi saw in the forest.	,,	C 44, and 45.	Q 13 and 14.	
,,	Dehra Dun ; Karwapani bungalow.	J. S. Gamble.	D 56.		
,,	Dehra Dun ; Ramgarh forest house.	W. N. Hearle.	D 57.		
,,	Dehra Dun ; forest range quarters, Badshahibagh.	F. Gleadow.	D 63.		
,,	Dehra Dun ; the Suswa river in the Government forest.	Penchelu Reddi.	F 21.		
,,	Divisional Forest Officer's camp equipage, camel transport. (Locality unknown.)	E. A. Courthope.	J 10.	S 79.	
,,	Elephant being washed. (Locality unknown.)	,,	E 36.	S 69.	
,,	Ganges Division : see also under *Landsowne Division*.				
,,	Ganges Division ; *Shorea robusta* forest, 4,000 feet, Garhwal.	W. H. Lovegrove.	A 5.		
,,	Ganges Division, mixed *Shorea robusta* and *Pinus longifolia* forest, 4,500 feet, Garhwal.	,,	A 6.		
,,	Ganges Division, blank closing up with *Pinus longifolia* after 15 years' protection, Garhwal.	,,	A 7.		

* Not available for issue at present.

Geographical.

United Provinces—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—contd.	Ganges Division, good *Pinus longifolia* natural regeneration, 5,000 feet, Garhwal.	W. H. Lovegrove.	A 8.		
,,	Ganges Division. *Pinus longifolia* forest, 6,000 feet, middle Garhwal.	,,	A 9.		
,,	Ganges Division. *Pinus longifolia* forest, 6,000 feet, inner Garhwal.	,,	A 10.		
,,	Ganges Division. *Pinus longifolia* forest, 6,000 feet, middle Garhwal.	,,	A 11.		
,,	Ganges Division. Poor mixed forest with *Pinus longifolia* under protection, Garhwal.	,,	A 12.		
,,	Ganges Division. Natural regeneration, *Shorea robusta* and *Pinus longifolia*, 4,500 feet, Garhwal.	,,	A 13.		
,,	Ganges Division. Example of damage done to young *Sál* (*Shorea robusta*) trees by frost.		A 69.	U 32.	
,,	Ganges Division. Nepal Khedda, 1893, group of elephants.	C. Bagshawe.	E 6.		
,,	Ganges Division. Nepal Khedda, 1893, Narain Gaj, the fighting tusker.	,,	E 7.		
,,	Ganges Division. Tying up a wild elephant.	Mrs. Bagshawe.	E 8.		
,,	Ganges Division. Captive elephant grazing.	,,	E 9.		
,,	Ganges Division. Watering a captive elephant.	,,	E 10.		
,,	Ganges Division. Wild elephant tied up with keepers.	,,	E 11.		
,,	Ganges river being crossed by elephants for shoot.		E 15.	Q 26.	
,,	Ganges Division. Watering elephants in the Ganges.		E 16.	Q 27.	

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—contd.	Gangotri glacier. Gaumukhi (cow's mouth) source of the Ganges.	E. A. Courthope.	F 37.	S 100.	
,,	Garhwal. See also under *Ramnagar Division.*				
,,	Garhwal. *Pinus longifolia* seedlings coming up in upper limits of *Sál* forest, Himalayas.		A 494 and 495.	V 65 and 64.	
,,	Garhwal. Chir Pine (*Pinus longifolia*) coming up in upper limits of *Sál* forest, Himalayas.		A 497.	U 41.	
,,	Garhwal. Chir Pine (*Pinus longifolia*) and *Sál* (*Shorea robusta*) near the upper limits of *Sál*, Himalayas.		A 498.	U 40.	
,,	Garhwal. *Sál* fruits (*Shorea robusta*).	F. A. Leete.	B 1.		
,,	Garhwal. Timber and bamboo depôt on bank of Ganges.	W. H. Lovegrove.	C 2.		
,,	Garhwal. Saneh timber depôt.	,,	C 3.		
,,	Garhwal. Group of contractors at Haldwani, 21st September 1903.	E. A. Courthope.	C 10.		
,,	Garhwal. Annual sale by auction held at Haldwani on 21st September 1903, D. F. O. on the right.	,,	C 11.		
,,	Garhwal. Timber depôt at Kalagarh.	,,	C 12.		
,,	Garhwal Division. Dragging *Sál* "Tors" in Adnala Range.	,,	C 71.	S 65.	
,,	Garhwal Division. Exporting scantlings on buffaloes.	,,	C 73, 74.	S 84 and 88.	
,,	Garhwal Division. Buffaloes dragging bamboos.	,,	C 75.	S 90.	
,,	Garhwal Division. Oxen dragging "Tors."	,,	C 77.	S 92.	

Geographical.

United Provinces—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—contd.	Garhwal Division. Halduparao timber depôt.	E. A. Courthope.	C 78.	S 93.	
,,	Garhwal Division, making bamboo rafts on Ramganga river.	R. S. Troup.	C 79.	Q 45.	
,,	Garhwal. Dismantled forest bridge near Garjia above the Kosi river.	F. A. Leete.	D 1.		
,,	Garhwal. Rope bridge made of grass, 200 feet long, across Ganges.	W. H. Lovegrove.	D 2.		
,,	Garhwal. Ratna Dhab forest rest house.	F. A. Leete.	D 9.		
,,	Garhwal. Forest bridge, 15′ span, Kalagarh, Boxar road.	E. A. Courthope.	D 12.		
,,	Garhwal. Old ruined forest bridge 70 feet span, Garjia.	R. S. Troup.	D 89.	Q 46.	
,,	Garhwal. 9′ 9″ tiger shot at Halduparao.	F. A. Leete.	E 3.		
,,	Garhwal. Group of elephants, Daisy, Naintara, Jeldran, Chameli.	,,	E 4.		
,,	Garhwal. Divisional Forest officer's camels on the march.	,,	E 5.		
,,	Garhwal Division. Elephants.	E. A. Courthope.	E 35.		
,,	Garhwal. View of military cantonment, Lansdowne, 6,000′, Ganges Division.	W. H. Lovegrove.	F 1.		
,,	Garhwal. View at 9,000′, spruce (*Picea morinda*) on right. Ganges Division.	,,	F 2.		
,,	Garhwal. Boulder hill (sacred) in the Kosi river at Gargia.	F. A. Leete.	F 3.		
,,	Garhwal. Rapids in the Ramganga river at Barsoti.	,,	F 5.		
,,	Garhwal Division. Sheep crossing the Ramganga river at Kalagarh.	E. A. Courthope.	F 34, 35.	S 97 and 98.	

Geographical.

United Provinces—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—contd.	Garhwal. Elephant-drivers, Kanni, Umrao Khan, Ellahibuksh.	F. A. Leete.	G 2.		
„	* Gonda Division. *Sál* plants raised from seed in nursery, five years old, height 3′-4½′.	R. S. Troup.	A 272.	Q 68.	
„	* Gonda Division. Denudation of soil and exposure of roots of trees owing to excessive grazing.	„	A 273.	Q 69.	
„	Gonda Division. *Piptadenia oudhensis* about 25 feet high.	„	A 276.	Q 70.	
„	* Gonda Division. *Acacia catechu* on very poor soil, showing effects of erosion.	„	A 277.	Q 71.	
„	Gonda Division. Superficial erosion in open forest of *Acacia catechu*. Received from United Provinces Exhibition, Allahabad, 1910-11.	H. Jackson.	A 363.	V 47.	
„	Gonda Division. Subterranean erosion producing ravines. Received from United Provinces Exhibition, Allahabad, 1910-11.	„	A 364.	V 63.	
„	* Gonda Division. *Sál* coppice-with-standards, Tikri forest, coppice two years old.	T. B. Chitrakar.	A 526.	T 85.	
„	* Gonda Division. *Sál* coppice-with-standards, Tikri forest, coppice five years old.	„	A 527.	T 86.	
„	* Gonda Division. Effect of drought on *Sál* coppice-with-standards, Tikri forest.	„	A 528.	T 87.	
„	* Gonda Division, experimental plot No. 1. *Sál* coppice, twenty years old, with standards, immediately before the felling of coppice; average height of coppice 37 feet.	„	A 529.	T 88.	

* Not available for issue at present.

Geographical.	Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—*contd.*	*United Provinces*—contd.	*Gonda Division; *Sál* coppice-with-standards, just felled, Tikri forest.	T. B. Chitrakar.	A 530.	T 89.	
	,,	* Gonda Division. Drought of 1907 and 1908. Trees killed by the drought. Dry wood fellings not yet commenced. Tikri *Sál* forest.	,,	A 531.	T 90.	
	,	* Gonda Division. Drought of 1907 and 1908. Dry wood fellings completed, and material stacked. Tikri *Sál* forest.	,,	A 532.	T 91.	
	,,	* Gonda Division, sample plot No. 1. *Sál* coppice-with-standards, coppice-two years old, Tikri forest.	,,	A 533.	T 92.	
	,,	* Gonda Division, sample plot No. 2. *Sal* coppice with standards, coppice two years old, Tikri forest.	,,	A 534.	T 93.	
	,,	* Gonda Division, experimental plot No. 1. *Sál* coppice-with-standards; the coppice just cut.	,,	A 534.	T 94.	
	,,	* Gonda Division, sample plot No. 3. Unthinned *sál* pole forest.	,,	A 536.	T 95.	
	,,	* Gonda Division, sample plot No. 4. Thinned *sál* pole forest.	,,	A 537.	T 96.	
	,,	* Gonda Division, natural reproduction of *Terminalia tomentosa* about 15 feet high on alluvial ground. Older forest of *Terminalia tomentosa* on left.	,,	A 538.	T 97.	
	,,	* Gonda Division, young natural reproduction of *Terminalia tomentosa* up to 2 feet high on alluvial ground.	,,	A 539.	T 98.	
	,,	* Gonda Division, natural reproduction of *Terminalia tomentosa* up to 8 feet high on alluvial ground.	,,	A 540.	T 99.	

* Not available for issue at present.

Geographical. United Provinces—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—contd.	* Gonda Division. *Terminalia tomentosa* trees 20 to 40 feet high, grown up on alluvial land.	T. B. Chitrakar.	A 541.	T 100.	
,,	* Gonda Division, pure forest of *Terminalia tomentosa* on alluvial ground approaching maturity.	,,	A 542.	T 101.	
,,	* Gonda Division. A *Terminalia tomentosa* tree, girth 12′ 4″.	,,	A 543.	T 102.	
,,	* Gonda Division, experimental plot No. 3. *Sál* forest before a regeneration felling has been made.	,,	A 544.	T 103.	
,,	* Gonda Division, sample plot No. 7; fully stocked *sál* pole forest, unthinned.	,,	A 545.	T 104.	
,,	* Gonda Division, fully stocked even aged *sál* pole forest, average girth 2½ feet, average height 70 feet.	,,	A 546.	T 105.	
,,	* Gonda Division, experimental plot No. 3 and sample plot No. 6. *Sál* forest after regeneration felling has been made.	,,	A 547.	T 106.	
,,	Gonda Division, loading timber on cart by turning cart upside down over log.	R. S. Troup.	C 17.	S 117.	
,,	Gonda Division; view over Sangarha (Tharu village) to the Nepal Hills.	,,	F 4.	Q 72.	
,,	* Gorakpur Division, dense natural regeneration of teak in a forty years old teak plantation, Ramgarh.	T. B. Chitrakar.	A 180.	T 114.	
,,	* Gorakpur Division, mixture of natural *Sál* in a teak plantation at Ramgarh.	,,	A 181.	T 115.	

* Not available for issue at present.

Geographical.

United Provinces—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—contd.	* Gorakpur Division, dense natural regeneration of teak chiefly 2 or 3 feet high in a forty years old teak and Sissoo plantation at Ramgarh; girdled Sissoo over the young teak.	T. B. Chitrakar.	A 182, A 184.	T 116, T 118.	
,,	* Gorakpur Division, dense natural regeneration of teak up to 15 feet high in a forty years old teak plantation at Ramgarh.	,,	A 183.	T 117.	
,,	* Gorakpur Division, coppice of *Eugenia Jambolana*, 10 feet in height, on alluvial ground.	,,	A 185.	T 119.	
,,	* Gorakpur Division, coppice of *Eugenia Jambolana* 30 feet in height in process of being felled on low-lying inundated land.	,,	D 186.	T 120.	
,,	* Gorakpur Division: typical situation for *Eugenia Jambolana* along bank of stream.	,,	A 187	T 121.	
,,	* Gorakpur Division. *Sál* coppice-with-standards, coppice seven years old, coupe 11 of Ramgarh forest.	,,	A 188.	T 122.	
,,	* Gorakpur Division; natural *Sál* forest before conversion into coppice-with-standards, coupe 20 of Ramgarh.	,,	A 189.	T 123.	
,,	* Gorakpur Division, original *Sál* forest not yet felled for coppice-with-standards, height about 50 feet. West Lehra forest.	,,	A 548.	T 107.	
,,	* Gorakpur Division. *Sál* coppice-with-standards. Coppice coupe of previous year failed owing chiefly to most of the trees felled having suffered from drought two years previously. West Lehra forest.	,,	A 549.	T 108.	

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—contd.	* Gorakpur Division. *Sál* coppice-with-standard s, coppice one year old, fairly successful, chiefly 3′-5′ high and exceptionally up to 7 feet high. West Lehra forest.	T. B. Chitrakar.	A 550.	T 109.	
,,	* Gorakpur Division. *Sál* coppice-with-standard s, a successful coupe, coppice one year old, chiefly 3 to 5 feet high and exceptionally 7 feet high. West Lehra forest.	,,	A 551.	T 110.	
,,	* Gorakpur Division. *Sál* coppice-with-standard s, coppice two years old, up to 15 feet in height, growth and density good. West Lehra forest.	,,	A 552.	T 111.	
,,	* Gorakpur Division. Effect of drought. *Sál* standards, killed in coppice-with-standards by the drought of 1908 and 1909. West Lehra forest.	,,	A 553.	T 112.	
,,	* Gorakpur Division *Sál* coppice-with-standard s, coppice 8 years old, average height of *Sál* coppice 17 feet, maximum 26 feet. West Lehra forest.	,,	A 554.	T 113.	
,,	* Haldwani Division. *Dalbergia sissoo* young pole forest. Sample plot No. 5.	R. S. Troup.	A 333.	Q 41.	
,,	Haldwani Division. Kangra shepherds at Ramnagar. Received from United Provinces, Exhibition, Allahabad, 1910-11.	R. C. Milward.	J 32.		
,,	Himalayas. Suspension bridge and floating sleepers.		D 94.		
,,	Himalayas. Floating sleepers.		D 95.	T 27.	
,,	Jaunsar. See also under *Chakrata Division.*				

* Not available for issue at present.

Geographical.	Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—*contd.*	*United Provinces*—contd.	Jaunsar. *Quercus semecarpifolia* forest with natural undergrowth of spruce (*Picea morinda*) and silver fir (*Abies pindrow*).		A 44 and 45.	U 28 & 2.	
	,,	Jaunsar. Hill slope planted with deodar (*Cedrus deodara*) and *Pinus excelsa*.		A 46.	U 16.	
	,,	Jaunsar. Spruce (*Picea morinda*) forest.		A 47.	U 12.	
	,,	Jaunsar. Young deodar (*Cedrus deodara*) forest.		A 48.	U 13.	
	,,	Jaunsar. Deodar (*Cedrus deodara*) forest open to grazing, showing result of heavy grazing in hill forests.		A 49.	U 15.	
	,,	Jaunsar. Deodar (*Cedrus deodara*) forest open to heavy grazing.		A 50.	U 26.	
	,,	Jaunsar. Group of mature deodar (*Cedrus deodara*) trees, height about 150 feet, girth 10 feet.		A 51.	U 17.	
	,,	Jaunsar. Deodar (*Cedrus deodara*) pole forest.		A 52.	U 33.	
	,,	Jaunsar. Mature *Quercus semecarpifolia* forest, open to grazing and shewing the absence of all undergrowth.		A 53.	U 19.	
	,,	Jaunsar. Spruce (*Picea morinda*) forest closed to grazing and shewing a dense undergrowth.		A 54.	U 20.	
	,,	Jaunsar. Spruce (*Picea morinda*) forest open to grazing and shewing the absence of all undergrowth.		A 55.	U 21.	
	,,	Jaunsar. Spruce (*Picea morinda*) forest closed to grazing above the path and open below it.		A 56.	U 22.	

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—contd.	Jaunsar. Young deodar (*Cedrus Deodara*) growth coming away under *Pinus excelsa* which has been lopped and topped.		A 57.	U 1.	
,,	Jaunsar. Young deodar (*Cedrus deodara*) growth coming away under girdled oaks and *Rhododendron arboreum*.		A 58.	U 6.	
,,	Jaunsar. Young deodar (*Cedrus deodara*) crop saved by girdling *Pinus excelsa* standing over it.		A 59.	U 90.	
,,	Jaunsar. Young deodar (*Cedrus deodara*) growth saved by making a hole in the forest surrounding it.		A 60.	U 29.	
,,	Jaunsar. Mundali forest showing dry spruce (*Picea morinda*) and silver fir (*Abies pindrow*) girdled to make way for deodar advance growth.		A 61.	U 84.	
,,	Jaunsar. Effect of grazing on regeneration of *Pinus longifolia*. Above the path is open to grazing; no advance growth: below the path closed to grazing; good advance growth.		A 62.	U 18.	
,,	Jaunsar. *Pinus longifolia* forest, seed felling completed.		A 63.	U 34.	
,,	Jaunsar. *Pinus longifolia* forest. A successful seed felling.		A 64.	U 36.	
,,	Jaunsar. *Pinus longifolia* forest ready for final felling.		A 65.	U 38.	
,,	Jaunsar. *Pinus longifolia* forest; final felling completed.		A 66.		
,,	Jaunsar. *Pinus longifolia* forest growing on almost bare quartzite at 40° slope.		A 67.	U 11.	

Geographical. United Provinces—*contd*

Geographical.	Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—*contd.*	*United Provinces*—contd.	Jaunsar. Planting up bare hillside with deodar (*Cedrus deodara*) and *Pinus excelsa* in lines.		A 68.	U 89.	
	„	Jaunsar. Horse-chestnut tree (*Æsculus indica*), Chachpur.	J. S. Gamble.	A 274.		
	„	Jaunsar; in Ola Block, Tehri Garhwal leased forest, 1898. Horse-chestnut in flower.		A 275.		
	„	Jaunsar. Fine pole growth of deodar.	Penchelu Reddi.	A 286.		
	„	Jaunsar. Mixed forest at Lambatach, principally kail and deodar. The boundary path show the boundary between fire-protected and open forest.	„	A 287.		
	„	Jaunsar. *Pinus longifolia* (*Chir*) forest near Thadiar. Regenerated crop in foreground.	„	A 289.		
	„	Jaunsar. Natural regeneration of kail and deodar, Osna.		A 300.		
	„	Jaunsar. Deodar forest after lumbering.		A 301.		
	„	Jaunsar. Natural regeneration of deodar.		A 302.		
	„	* Jaunsar. *Cupressus torulosa* on limestone cliffs (in foreground); in background chiefly. Deodar. Bodyar.	R. S. Troup.	A 384.	S 11.	
	„	* Jaunsar. *Pinus longifolia* forest open to fire and hence having no reproduction, Kunigadh, altitude about 6,000′.	„	A 386.	S 13.	
	„	* Jaunsar. Contour basket planting of silver fir in an opened out mature wood of spruce with a little silver fir, Kanjatra: young plants about 16 years old.	„	A 387.	S 14.	

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—contd.	* Jaunsar. Young group of deodar poles about 30 feet high sprung from a seed-bearer recently removed from blank in foreground, Konain. Altitude 7,800 feet. South-west aspect, steep slope.	R. S. Troup.	A 388.	S 15.	
,,	* Jaunsar. *Quercus dilatata* tree, girth 16 feet 4 inches, height 144 feet, clear bole 72 feet, near Konain. Altitude 7,200 feet, north aspect, slope 35°, moist rich soil. Spruce mixture.	,,	A 389.	S 16.	
,,	* Jaunsar. *Quercus semecarpifolia*, showing natural reproduction springing up where light is admitted, altitude 9,100 feet.	,,	A 390.	S 17.	
,,	* Jaunsar. *Pinus longifolia*: group of advance growth up to 30 feet high, younger growth in foreground as a result of seeding feelings. Forest worked under uniform method. Molta; altitude 6,000 feet.	,,	A 391.	S 18.	
,,	Jaunsar. View over deodar forest of Bodyar, chiefly deodar mixed with spruce.	,,	A 392.	S 19.	
,,	* Jaunsar. *Pinus longifolia* forests of the Tons valley, view up the valley from Molta.	,,	A 393.	S 20.	
,,	* Jaunsar. *Pinus longifolia* reproduction after seeding felling, Molta, altitude 6,000 feet.	,,	A 394.	S 21.	
,,	* Jaunsar. Deodar trees, the result of natural reproduction in patches, average height 100 feet, average girth 5½ feet. Konain, altitude 7,800 feet.	,,	A 395.	S 22.	

* Not available for issue present.

Geographical.	Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—*contd.*	*United Provinces*—contd.	* Jaunsar. *Pinus longifolia* forest showing 100 feet fire line. View overlooking the Tons valley from Molta. On the other side *Pinus longifolia* forest below and deodar forest above.	R. S. Troup.	A 396.	S 23.	
	"	* Jaunsar. *Pinus longifolia* with ban oak (*Quercus incana*) and rhododendron (*R. arboreum*), typical of the upper limit of the chir pine, Molta, altitude 7,400 feet.	"	A 397.	S 24.	
	"	* Jaunsar. *Abies pindrow*; dense even-aged pure pole forest of silver fir covering many acres, where there was formerly a large blank in the overwood, aspect north, slope steep, seed-bearers scattered but fairly plentiful, near Ringali, altitude 8,500 feet.	"	A 398.	S 44.	
	"	* Jaunsar. *Pinus longifolia* forest under uniform method. Reproduction just starting in a seeding felling, height up to 2 feet. Molta, altitude 6,000 feet.	"	A 399.	S 45.	
	"	* Jaunsar. Deodar reproduction 6 to 12 feet high coming up thickly on a grassy slope on the edge of forest. Seed-bearers in background. Southern aspect, steep slope, altitude 8,000 feet.	"	A 401.	S 47.	
	"	Jaunsar. Distant view of deodar plantation, Bodyar.	B. O. Coventry.	A 489.	U 9.	
	"	Jaunsar. Bare slope in Deodar forest open to grazing, Missau.	"	A 490.	U 14.	

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—contd.	Jaunsar. Mature spruce (*Picea morinda*) and silver fir (*Abies pindrow*); forest portion above road closed to grazing and portion below open.	B. O. Coventry.	A 491.	U 23.	
„	Jaunsar; natural regeneration of silver fir (*Abies pindrow*), Deoban.	„	A 492.	U 8.	
„	Jaunsar. *Pinus longifolia* forest regenerated under the uniform method. The regenerated mature wood in background.		A 493.	U 61.	
„	Jaunsar. Deodar and blue pine plantation, Bodyar.	B. O. Coventry.	A 500.	U 10.	
„	* Jaunsar. *Podophyllum Emodi* growing naturally, fruiting plant on right. Deoban, altitude about 9,000 feet.	R. S. Troup.	B 53.	S 42.	
„	* Jaunsar. A fruiting specimen of *Podophyllum Emodi* showing rhizome and roots.	„	B 54.	S 43.	
„	Jaunsar. Sawing and carrying deodar sleepers.		C 27.		
„	Jaunsar. Imperial Forest school at pitch kiln, Chatragad.		C 30.		
„	Jaunsar. High stumps in spruce forest, Deoban fuel supply.		C 33.		
„	Jaunsar. Large branchy deodar tree, lopped for felling in order to lessen damage to surrounding trees; Bodyar.	R. S. Troup.	C 56.	S 35.	Appeared in *Indian Forest Utilization*, Troup, 2nd Edition, 1912.
„	Jaunsar. Kulni wet slide used for the transport of railway sleepers.		D 13, 14.	U 42 and 50.	
„	Jaunsar. Forest tramway at Kulni used for transport of railway sleepers.		D 15.	U 5.	

* Not available for issue at present.

Geographical.	Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—*contd.*	*United Provinces*—contd.	Jaunsar. Wet slide and wire shoot at Kulni, used for sleeper transport.		D 16.	U 45.	
	„	Jaunsar. Railway sleepers descending Kulni wire shoot.		D 17.	U 46.	
	„	Jaunsar Division. Forest depôt at head of Kulni tramway.		D 18.	U 48.	
	„	Jaunsar Division. View of Kulni wire shoot from bottom, 1,300 feet long, 400 feet fall.		D 19.	U 51.	
	„	Jaunsar Division. Sendra suspension bridge, 235 feet span, built by forest officer.		D 20.	U 49.	
	„	Jaunsar Division. Bridge 90 feet span for carrying Kulni wet slide across ravine.		D 21.	U 25.	
	„	Jaunsar. Upper sledge road depôt.		D 44.		
	„	Jaunsar. Deota : bridge 4 to 10 degrees on sledge road.		D 45.		
	„	Jaunsar. Lower sledge road depôt.		D. 46.		
	„	Jaunsar. Launching sleepers at the upper slide depôt.		D 47.		
	„	Jaunsar. Bridge on the wet slide.		D 48.		
	„	Jaunsar. Chaubbai bridge on the wet slide.		D 49.		
	„	Jaunsar. Lower slide depôt.		D 50.		
	„	Jaunsar. Thadiar suspension bridge over the Tons river.		D 51.		
	„	Jaunsar. Deota forest bungalow.		D 52.		
	„	Jaunsar. Deoban forest bungalow.		D 53.		

Geographical. — United Provinces—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—contd.	Jaunsar. Upper end of Dakpathar boom on Jumna.	J. W. Oliver.	D 55.		
„	Jaunsar. Raft at Dakpathar.		D 58.		
„	Jaunsar. End of Dakpathar boom on Jamna.	J. W. Oliver.	D 62.		
„	Jaunsar. *Jhula* over Rupin River.	„	D 65.		
„	Jaunsar. New road and bridge across mouth of cave below Sendra, washed away in 1897; road now goes 300 feet or so above it.	„	D 66.		
„	Jaunsar. Kulnigadh, lower head stock; shows also upper one.		D 67.		
„	Jaunsar. Old bridge No. 10, Deota sledge road.		D 71.		
„	Jaunsar. Thadiar, "the drive"; *sarnai* on Tons river.		D 72.		
„	Jaunsar. Wet slide at Kulni.		D 73.		
„	Jaunsar. Sleeper transport, Kulni.		D 74.		
„	Jaunsar. Telescopic floating near Kulni.		D 75.		
„	Jaunsar Division. Forest tramway.	R. C. Milward.	D 90.		
„	Jaunsar Division. Sledge road crossing bridge.	J. W. Oliver.	D 91.		
„	Jaunsar. Wet slide about 37° slope.	F. Gleaddow.	D 93.		
„	Jaunsar Division. Wire ropeway.		D 96.	U 43.	
„	Jaunsar. Suspension bridge over Tons river.		D 97 and 98.	U 44 and 66.	
„	Jaunsar. Suspension bridge		D 99.	U 54.	
„	Jaunsar. Wire ropeway.		D 100.	U 47.	
„	Jaunsar. Sleeper slide crossing bridge.		D 101.	U 82.	

Geographical.	Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—*contd.*	*United Provinces*—contd.	Jaunsar; *Sarnai* at Dakpathar on Jamna.	J. W. Oliver.	F 9 to 11.		
	„	Jaunsar; view from Deoban house.	„	F 14.		
	„	Jaunsar Division; Kulnigadh waterfall.		F 16.		
	„	Jaunsar; above Koti Bawar village.	J. W. Oliver.	F 17.		
	„	Jaunsar; view up Kulnigad.		F 20.		
	„	Jaunsar; view from Thadiar bungalow.		F 22.		
	„	Jaunsar Division; temple at Deota, leased deodar forest in Tehri State.	E. A. Courthope.	F 33.	S 80.	
	„	Kheddas; captured elephant in camp. (Locality unknown.)		E 22.	Q 28.	
	„	Kheddas; waiting for *khabar* in camp. (Locality unknown.)		E 23 to 27.	Q 29 to 33.	
	„	Kheddas; waiting for the beat. (Locality unknown.)		E 28.	Q 34.	
	„	Kheddas; Gajraj Bahadur ready. (Locality unknown).		E 29.	Q 35.	
	„	Kheddas; taking Latouche Bahadur to water for the first time after capture. (Locality unknown.)		E 30 to 32.	Q 36 to 38.	
	„	Kheddas; elephants just captured. (Locality unknown.)		E 33 and 34.	Q 39 and 40.	
	„	Kheri; on the right thick *Sál* forest, growth annually cut back by frost.		A 15.		
	„	Kheri; view at Dudwa looking down the Sathiana 15 feet road. *Sál* forest.	R. C. Milward.	A 16.		
	„	Kheri; advance growth of *Sál* in the Changa Nala plain.		A 17.		

Geographical.

United Provinces—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—contd.	Kheri ; camp in *Sál* forest.	F. A. Leete.	A 18.		
,,	* Kheri ; *Sál* forest killed by drought of 1907 and 1908 ; Mailani.	R. S. Troup.	A 118 and 116.	Q 15 and 16.	
,,	* Kheri ; dense *Sál* reproduction, average 20 feet high, with old trees, chiefly *Terminalia tomentosa*, standing over the young crop.	,,	A 408.	Q 23.	
,,	* Kheri ; young group of *Sál* about 20 feet high, and one or two old seed-bearers in open grassy plain, showing how *Sál* springs up round seed-bearers in the open where frost is not dangerous.	,,	A 409.	Q 22.	
,,	* Kheri ; dense *Sál* reproduction, average 20-feet high, with old trees, *Sál* and *Sain*, standing over the young crop.	,,	A 410.	Q 25.	
,,	* Kheri ; even aged *Sál* forest about 60 feet high.	,,	A 411.	Q 20.	
,,	* Kheri ; even aged dense *Sál* growth, average 40 feet high.	,,	A 412.	Q 19.	
,,	* Kheri ; Dudwa camping ground, showing natural *Sál* forest with undergrowth cleared away.	,,	A 413.	Q 21.	
,,	Kheri ; cart road and fire line through *Sál* forest.	,,	A 414.	Q 24.	
,,	Kheri ; Trans-Sarda *Sál* forest ; sawing metre gauge sleepers.	R. C. Milward.	C 4.		
,,	Kheri ; oven charcoal kilns burning.	R. S. Troup.	C 65.	Q 17	Appeared in *Indian Forest Utilization*, Troup, 2nd Edn., 1912.
,,	Kheri ; oven charcoal kilns, one opened, the other not yet opened.	,,	C 66.	Q 18	
,,	Kheri ; Trans-Sarda *Sál* forest, Dudwa Forest Rest House.	R. C. Milward.	D 4.		
,,	Kheri ; brick kiln.	F. A. Leete.	D 6.		

* Not available for issue at present.

Geographical.

United Provinces—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—contd.	Kheri ; camp in *Sál* forest. Swamp deer (*Gond*) in the foreground.	F. A. Leete.	E 1.		
,,	Kheri ; 36 inch Swamp deer head (*Gond*).	,,	E 2.		
,,	Lansdowne Division ; *see* also under *Ganges Division.*				
,,	Lansdowne Division ; a bamboo clump after the cutting, all the old clumps being removed except a few. Received from Allahabad Exhibition, 1910-11.	Basti Ram.	A 210.	S 129.	
,,	Lansdowne Division ; *Sál* poles, showing effects of annual frost, Chaukham block. Received from Allahabad Exhibition, 1910-11.	,,	A 211.	S 131.	
,,	Lansdowne Division ; a view of Dalma *Sál* forest, showing effects of annual frost on the crop. Received from Allahabad Exhibition, 1910-11.	,,	A 212.	S 132.	
,,	Lansdowne Division ; growth of Sissoo along the alluvium. Received from Allahabad Exhibition, 1910-11.	,,	A 215.	S 141.	
,,	Lansdowne Division; a *Sál* sapling standing in a *chaur* (big blank), Hathi Kund. Received from Allahabad Exhibition, 1910-11.	,,	A 216.	S 142.	
,,	Lansdowne Division ; a *Sál* tree, girth about 12½ feet height about 100 feet, Koluchaur. Received from Allahabad Exhibition, 1910-11.	,,	A 217.	S 143.	
,,	Lansdowne Division ; congested bamboo clump in flower. Received from Allahabad Exhibition, 1910-11.	,,	A 218.	S 146.	

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—contd.	Lansdowne Division; congested bamboo clumps. Received from Allahabad Exhibition, 1910-11.	Basti Ram.	A 219 to 223.	S 147, 149, 150, 151 and 152.	Appeared in *Indian Forester*, Vol. XXXVI, 1910.
„	Lansdowne Division; bamboo clumps worked. Received from Allahabad Exhibition, 1910-11.	„	A 224.	S 153.	
„	Lansdowne Division; trunk of a *Dhák* tree, the lower portion of which has been ringed by porcupines. Received from Allahabad Exhibition, 1910-11.	„	A 225.	S 189.	
„	Lansdowne Division; trunk of *Terminalia tomentosa* the lower portion of which has been ringed by porcupines. Received from Allahabad Exhibition, 1910-11.	„	A 226 and 227.	S 162 and 163.	
„	Lansdowne Division; *Shisham* saplings 10 years old. Received from Allahabad Exhibition, 1910-11.	„	A 229.	S 207.	
„	Lansdowne Division; a growing *sál* tree before the fellings. Received from Allahabad Exhibition, 1910-11.	„	A 231.	S 133.	
„	Lansdowne Division; bamboo and *Sál* forests. Received from Allahabad Exhibition, 1910-11.	„	A 232.	S 158.	
„	Lansdowne Division; a tract of *Sál* forest, Koluchaur, showing the effects of annual frost. Received from Allahabad Exhibition, 1910-11.	„	A 233.	S 130.	
„	Lansdowne Division; *sál* forest, showing attacks of annual frost. Received from Allahabad Exhibition, 1910-11.	„	A 234.	S 136.	

Geographical.

United Provinces—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—contd.	Lansdowne Division *Sál* saplings, Hathikund. Photo showing effect of annual frost. Received from Allahabad Exhibition, 1910-11.	Basti Ram.	A 235.	S 138.	
,,	Lansdowne Division; a selection improvement forest. Mature tree and young *sál* beneath. Received from Allahabad Exhibition, 1910-11.	,,	A 236.	S 140.	
,,	Lansdowne Division; a view of Dalnia forest: *sál* forest showing the attacks of annual frost. Received from Allahabad Exhibition, 1910-11.	,,	A 237.	S 144.	
,,	Lansdowne Division; bamboo clumps worked. Received from Allahabad Exhibition, 1910-11.	,,	A 239.	S 148.	
,,	Lansdowne Division; a congested bamboo clump showing the dead rhizomes round the periphery. Received from Allahabad Exhibition, 1910-11.	,,	A 240 and 241.	S 154 and S 155.	
,,	Lansdowne Division; an uprooted bamboo clump showing the dead rhizomes round the periphery. Received from Allahabad Exhibition, 1910-11.	,,	A 242 and 243.	S 156 and 157.	Appeared in *Indian Forester*, Vol. XXXVI, 1910.
,,	Lansdowne Division; a congested bamboo clump showing the dead rhizomes round the periphery. Received from Allahabad Exhibition, 1910-11.	,,	A 244.	S 160.	
,,	Lansdowne Division; marking party. Received from Allahabad Exhibition, 1910-11.	,,	A 245.	S 175.	

Geographical. United Provinces—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—contd.	Lansdowne Division; Khair coppice shoots killed by the great frost of 1905, Chandi Range. Received from Allahabad Exhibition, 1910-11.	Basti Ram.	A 246.	T 183.	
,,	Lansdowne Division; a view of *Khair* forests showing the damage done to tree by porcupines, Gohri Range. Received from Allahabad Exhibition, 1910-11.	,,	A 248.	T 147.	
,,	Lansdowne Division; bamboo clumps worked. Received from Allahabad Exhibition, 1910-11.	,,	A 249.	T 149.	
,,	Lansdowne Division; *Terminalia tomentosa*. Received from Allahabad Exhibition, 1910-11.	,,	A 250.	T 151.	
,,	Lansdowne Division; *shisham* (*Dalbergia sissoo*) and *Munj* forest at the foot of the Kumaon hills, Lansdowne Division. Received from Allahabad Exhibition, 1910-11.	R. C. Milward.	A 402.		
,,	Lansdowne Division; bamboo forest above Kumaon; Ganges and Hardwar in the distance. Received from Allahabad Exhibition, 1910-11.	,,	A 403.		
,,	Lansdowne Division; *Eugenia jambolana*. Received from Allahabad Exhibition, 1910-11.	Basti Ram.	A 555.	T 152.	
,,	Lansdowne Division; condition of the forest after improvement fellings, showing fuel stacks inside poor forest. Received from Allahabad Exhibition, 1910-11.	,,	A 556.	T 153.	
,,	Lansdowne Division; young *Chir* coming up in *Sál* forest. Received from Allahabad Exhibition, 1910-11.	,,	A 557.	T 154.	

Geographical	Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—*contd.*	*United Provinces*—contd.	Lansdowne Division; *Albizzia stipulata*. Received from Allahabad Exhibition, 1910-11.	Basti Ram.	A 558.	T 155.	
	,,	Lansdowne Division; young *Chir* coming up in *Sál* forests. Received from Allahabad Exhibition, 1910-11.	,,	A 559.	T 156.	
	,,	Lansdowne Division; *Dalbergia lanceolaria*. Received from Allahabad Exhibition, 1910-11.	,,	A 560.	T 157.	
	,,	Lansdowne Division; *Shisham* (*Dalbergia Sissoo*). Received from Allahabad Exhibition, 1910-11.	,,	A 561.	T 158.	
	,,	Lansdowne Division; bamboo clumps worked. Received from Allahabad Exhibition, 1910-11.	,,	A 562.	T 159.	
	,,	Lansdowne Division; coppice shoots of *shisham* and *khair*, eight years old, Chandi Range. Received from Allahabad Exhibition, 1910-11.	,,	A 563.	T 160.	
	,,	Lansdowne Division; Bakali (*Holoptelea integrifolia*). Received from Allahabad Exhibition, 1910-11.	,,	A 564.	T 161.	
	,,	Lansdowne Division; *Tun* (*Cedrela toona*). Received from Allahabad Exhibition, 1910-11.	,,	A 565.	T 162.	
	,,	Lansdowne Division; *Simal* (*Bombax malabaricum*). Received from Allahabad Exhibition, 1910-11.	,,	A 566.	T 163.	
	,,	Lansdowne Division; *Dhak* (*Butea frondosa*). Received from Allahabad Exhibition, 1910-11.	,,	A 567.	T 164.	

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—contd.	Lansdowne Division; improvement forest after the principal fellings, showing the stacking of fuel inside. Received from Allahabad Exhibition, 1910-11.	Basti Ram.	A 568.	T 165.	
,,	Lansdowne Division; young *Chir* coming up in *Sál*, result of two years' protection against grazing. Received from Allahabad Exhibition, 1910-11.	,,	A 569.	T 166.	
,,	Lansdowne Division; Gohri forest, area not burnt; good regeneration of *Sál*. Received from Allahabad Exhibition, 1910-11.	,,	A 570.	T 167.	
,,	Lansdowne Division; coppice shoots of *Khair*, Chandi Range. Received from Allahabad Exhibition, 1910-11.	,,	A 571.	T 168.	
,,	Lansdowne Division; bamboo clumps worked. Received from Allahabad, 1910-11.	,,	A 572.	T 169.	
,,	Lansdowne Division; a view of *Khair* forest ringed by porcupines, Ghori Range. Received from Allahabad Exhibition, 1910-11.	,,	A 573.	T 170.	
,,	Lansdowne Division; a *khair* trunk, the lower portion of which has been damaged by porcupines, Ghori Range. Received from Allahabad Exhibition, 1910-11.	,,	A 574.	T 171.	
,,	Lansdowne Division; trunk of *Bischofia Javanica* showing the claw marks of a tiger, Sonanadi Range. Received from Allahabad Exhibition, 1910-11.	,,	A 575.	T 172.	

Geographical.	Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—*contd.*	*United Provinces*—contd.	Lansdowne Division; Punyan (*Ehretia acuminata*). Received from Allahabad Exhibition, 1910-11.	Basti Ram.	A 576.	T 173.	
	,,	Lansdowne Division; *Bischofia Javanica*. Received from Allahabad Exhibition, 1910-11.	,,	A 577.	T 174.	
	,,	Lansdowne Division; bamboo forest worked. Received from Allahabad Exhibition, 1910-11.	,,	A 578.	T 175.	
	,,	Lansdowne Division; *Albizzia procera* tree. Received from Allahabad Exhibition, 1910-11.	,,	A 579.	T 176.	
	,,	Lansdowne Division; *Pinus longifolia* after seven years' protection against grazing. Received from Allahabad Exhibition, 1910-11.	,,	A 580.	T 177.	
	,,	Lansdowne Division; *Sál*, *Chir* and *Banj*, growing together. Received from Allahabad Exhibition, 1910-11.	,,	A 581.	T 178.	
	,,	Lansdowne Division; after the improvement fellings, showing stacks of fuel. Received from Allahabad Exhibition, 1910-11.	,,	A 582.	T 179.	
	,,	Lansdowne Division; Sissoo growth along the Sonanadi. Received from Allahabad Exhibition, 1910-11.	,,	A 583.	T 180.	
	,,	Lansdowne Division; a view of an alluvial bed showing how the *Shisham* establishes itself in the grass. Received from Allahabad Exhibition, 1910-11.	,,	A 584.	T 181.	

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—contd.	Lansdowne Division; *Odina Wodier* being tapped for gum. Received from Allahabad Exhibition, 1910-11.	Basti Ram	C 28.	S 161.	Appeared in *Indian Forest Utilization*—Troup, 2nd Edition, 1912.
,,	Lansdowne Division; stacking of bamboos. Received from Allahabad Exhibition, 1910-11.	,,	C 32.	S 198	
,,	Lansdowne Division; conversion of *Sál* wood. Received from Allahabad Exhibition, 1910-11.	,,	C 63.	S 191.	
,,	Lansdowne Division; felling of a *Sál* tree with axe. Received from Allahabad Exhibition, 1910-11.	,,	C 83.	S 174.	
,,	Lansdowne Division; Moharrir numbering the stumps. Received from Allahabad Exhibition, 1910-11.	,,	C 84.	S 200.	
,,	Lansdowne Division; bhabar rope making. Received from Allahabad Exhibition, 1910-11.	,,	C 85.	S 189.	
,,	Lansdowne Division; a view of bamboo parao. Received from Allahabad Exhibition, 1910-11.	,,	C 86.	S 180.	
,,	Lansdowne Division; longitudinal section of *Sál* log, showing the rot inside by percolation of water. Received from Allahabad Exhibition, 1910-11.	,,	C 87.	S 181.	
,,	Lansdowne Division; Range Officer marking the timber with the range hammer. Received from Allahabad Exhibition, 1910-11.	,,	C 88.	S 182.	
,,	Lansdowne Division; straightening bamboo lathies. Received from Allahabad Exhibition, 1910-11.	,,	C 90 and 91.	S 171 and 172.	

Geographical.	Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—*contd.*	*United Provinces*—contd.	Naini Tal; coppice of *Eucalyptus globulus* eight years old, Chaubattia, 6,700 feet.	F. A. Leete.	A 1.		
	„	Naini Tal; regeneration in *Pinus longifolia* forest, Kaligadh Block.	E. A. Courthope.	A 2.		
	„	Naini Tal; regeneration fellings in *Pinus longifolia* forest, Kaligadh Block.	F. A. Leete.	A 3.		
	„	Naini Tal; first regeneration fellings in *Pinus longifolia* forest, Kaligadh Block.	E. A. Courthope.	A 4.		
	„	Naini Tal; cart-road, tonga and *Sál* forest.	W. H. Lovegrove.	A 14.		
	„	Naini Tal; young oak forest (*Quercus dilatata*), Cheena Block, C 11.	E. A. Courthope.	A 23 and 24.	S 63 and 59.	
	„	Naini Tal; oak pole forest (*Quercus dilatata*), Cheena Block, C 7.	„	A 25.		
	„	Naini Tal; selection fellings for fuel in oak forest (*Quercus dilatata*), Cheena Block, C 7.	„	A 26.	S 78.	
	„	Naini Tal; Deodar and oak (*Quercus dilatata*) plantation, Cheena Block, C 7.	„	A 27.		
	„	* Naini Tal Division; *Pinus longifolia* plantation, 19 years old. Baldhoti Compt. 4.	R. S. Troup.	A 324 and 325.	Q 73 and 74.	
	„	* Naini Tal Division; *Pinus longifolia* plantation 23 years old. Baldhoti Compt. 3.	„	A 326 and 327.	Q 75 and 76.	
	„	* Naini Tal Division; coppice shoots of *Pinus longifolia*, on a fire line. Shoots 2′ to 3′ high.	„	A 328.	Q 79.	

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—contd.	* Naini Tal Division; dense young forest of *Pinus longifolia* and *Quercus incana* mixed, with some seed bearers still standing.	R. S. Troup	A 329.	Q 80.	
„	* Naini Tal Division; *Pinus longifolia* and oak (*Quercus incana*) mixed. Chir poles up to 60 feet high with lower story of oak.	„	A 330.	Q 81.	
„	* Naini Tal Division; mixture of *Pinus longifolia* and oak (*Quercus incana*) the pine outgrowing the oak.	„	A 331.	Q 82.	
„	* Naini Tal Division; *Quercus incana* pole forest. Sample plot No. 6.	„	A 334.	Q 78.	
„	* Naini Tal Division; Sample plot No. 2. *Quercus incana* forest.	„	A 339 and 340.	Q 84 and 85.	
„	* Naini Tal Division; *Pinus longifolia* forest regenerated under the uniform methods.	„	A 341.	Q 86.	
„	* Naini Tal Division; Bhowali, mixed young forest of *Pinus longifolia* forest and *Quercus incana* with old pine seed-bearer.	„	A 342.	Q 87.	
„	* Naini Tal Division; young crop of *Quercus incana* mixed with *Pinus longifolia* regenerated under the uniform method.	„	A 343.	Q 88.	
„	Naini Tal Division; dense *Chir* wood before opening out for regeneration. Received from Allahabad Exhibition, 1910-11.		A 352.	V 39.	
„	Naini Tal Division; a view of a valley showing the gregarious growth of *Alnus nitida*. Received from Allahabad Exhibition, 1910-11.		A 353.	V 41.	

* Not available for issue at present.

Geographical.

United Provinces—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—contd.	Naini Tal; coppice of *Eucalyptus globulus* eight years old, Chaubattia, 6,700 feet.	F. A. Leete.	A 1.		
„	Naini Tal; regeneration in *Pinus longifolia* forest, Kaligadh Block.	E. A. Courthope.	A 2.		
„	Naini Tal; regeneration fellings in *Pinus longifolia* forest, Kaligadh Block.	F. A. Leete.	A 3.		
„	Naini Tal; first regeneration fellings in *Pinus longifolia* forest, Kaligadh Block.	E. A. Courthope.	A 4.		
„	Naini Tal; cart-road, tonga and *Sál* forest.	W. H. Lovegrove.	A 14.		
„	Naini Tal; young oak forest (*Quercus dilatata*), Cheena Block, C 11.	E. A. Courthope.	A 23 and 24.	S 63 and 59.	
„	Naini Tal; oak pole forest (*Quercus dilatata*), Cheena Block, C 7.	„	A 25.		
„	Naini Tal; selection fellings for fuel in oak forest (*Quercus dilatata*), Cheena Block, C 7.	„	A 26.	S 78.	
„	Naini Tal; Deodar and oak (*Quercus dilatata*) plantation, Cheena Block, C 7.	„	A 27.		
„	* Naini Tal Division; *Pinus longifolia* plantation, 19 years old. Baldhoti Compt. 4.	R. S. Troup.	A 324 and 325.	Q 73 and 74.	
„	* Naini Tal Division; *Pinus longifolia* plantation 23 years old. Baldhoti Compt. 3.	„	A 326 and 327.	Q 75 and 76.	
„	* Naini Tal Division; coppice shoots of *Pinus longifolia*, on a fire line. Shoots 2′ to 3′ high.	„	A 328.	Q 79.	

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—contd.	* Naini Tal Division; dense young forest of *Pinus longifolia* and *Quercus incana* mixed, with some seed bearers still standing.	R. S. Troup	A 329.	Q 80.	
„	* Naini Tal Division; *Pinus longifolia* and oak (*Quercus incana*) mixed. Chir poles up to 60 feet high with lower story of oak.	„	A 330.	Q 81.	
„	* Naini Tal Division; mixture of *Pinus longifolia* and oak (*Quercus incana*) the pine outgrowing the oak.	„	A 331.	Q 82.	
„	* Naini Tal Division; *Quercus incana* pole forest. Sample plot No. 6.	„	A 334.	Q 78.	
„	* Naini Tal Division; Sample plot No. 2. *Quercus incana* forest.	„	A 339 and 340.	Q 84 and 85.	
„	* Naini Tal Division; *Pinus longifolia* forest regenerated under the uniform methods.	„	A 341.	Q 86.	
„	* Naini Tal Division; Bhowali, mixed young forest of *Pinus longifolia* forest and *Quercus incana* with old pine seed-bearer.	„	A 342.	Q 87.	
„	* Naini Tal Division; young crop of *Quercus incana* mixed with *Pinus longifolia* regenerated under the uniform method.	„	A 343.	Q 88.	
„	Naini Tal Division; dense *Chir* wood before opening out for regeneration. Received from Allahabad Exhibition, 1910-11.		A 352.	V 39.	
„	Naini Tal Division; a view of a valley showing the gregarious growth of *Alnus nitida*. Received from Allahabad Exhibition, 1910-11.		A 353.	V 41.	

* Not available for issue at present.

Geographical.

United Provinces—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—contd.	Naini Tal Division; seeding fellings in *Chir*. Received from Allahabad Exhibition, 1910-11.		A 354.	V 42.	
„	Naini Tal Division; condition of a crop after the preparatory fellings in *Chir*. Received from Allahabad Exhibition, 1910-11.		A 355.	V 43.	
„	Naini Tal Division; *Sâl* pole forest with some mature trees. Received from Allahabad Exhibition, 1910-11.		A 356.	V 44.	
„	Naini Tal Division; *Chir* plantation, Kalimath block, nine years old. Received from Allahabad Exhibition, 1910-11.		A 357.	V 48.	
„	Naini Tal Division; *Chir* plantation, 30 years old, Baldhoti block. Received from Allahabad Exhibition, 1910-11.		A 358.	V 52.	
„	Naini Tal Division; *Chir* pole forest with some mature trees. Received from Allahabad Exhibition, 1910-11.		A 359.	V 55.	
„	Naini Tal Division; *Pinus longifolia*; area regenerated and unregenerated; a close view. Received from Allahabad Exhibition, 1910-11.		A 360 and 361.	V 61 and 62.	
„	Naini Tal Division; secondary felling in *Chir* forest. Received from Allahabad Exhibition, 1910-11.		A 362.	V 58.	
„	Naini Tal Division; dense *Chir* wood before opening out for regeneration. Received from Allahabad Exhibition, 1910-11.		A 585.	V 31.	
„	Naini Tal Division. Coppice coupe of oak forests after the fellings. Received from Allahabad Exhibition, 1910-11.		A 586.	V 35.	

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—contd.	Naini Tal. Tapping *Chir* (*Pinus longifolia*) for resin.	F. A. Leete.	C 1.		
„	Naini Tal. Turpentine distillery at Bhowali.	E. A. Courthope.	C 5.		
„	Naini Tal. Weighing firewood in sale depôt.	„	C 6.	S 81.	
„	Naini Tal. Coolies carrying firewood.	„	C 7.	S 104.	
„	Naini Tal. Bringing firewood into a sale depôt from the forest.	„	C 8.	S 103.	
„	Naini Tal. Sale depôt for firewood in Malli Tal Bazar.	„	C 9.	S 102.	
„	Naini Tal. Tapping for resin from *Chir*.	„	C 70.	S 64.	
„	Naini Tal. *Chir* tree tapped for resin.	„	C 72.	S 66.	
„	Naini Tal. Collection of resin from *Chir* forest.	„	C 76.	S 91.	
„	Naini Tal. Burning of charcoal. Received from Allahabad Exhibition, 1910-11.		C 95.	V 32.	
„	Naini Tal Division. Bhowali turpentine distillery. Received from Allahabad Exhibition, 1910-11.		C 96 and 97.	V 36 and 37.	
„	Naini Tal Division. Forest charcoal depôt. Received from Allahabad Exhibition, 1910-11.		C 98.	V 40.	
„	Naini Tal. Tapping of *Chir* and collection of resin. Received from Allahabad Exhibition, 1910-11.		C 99.	V 50.	
„	Naini Tal. Tapping of *Chir*. Received from Allahabad Exhibition, 1910-11.		C 100.	V 53.	
„	Naini Tal. Splitting of wood in a depôt along the Nalla, Almora Range. Received from Allahabad Exhibition, 1910-11.	Basti Ram.	C 101.	V 57.	

Geographical.

United Provinces—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—contd.	Naini Tal. Felling of *Chir* with axe. Received from Allahabad Exhibition, 1910-11.	Basti Ram.	C 102.	V 59.	
„	Naini Tal. Resin tapping of *Pinus longifolia* with blaze of curved (circular) section. First year of tapping.	R. S. Troup.	C 105.	Q 77.	Appeared in *Indian Forest Utilization.*—Troup, 2nd Ed. 1912.
„	Naini Tal Division. Resin tapping of 2nd season in *Pinus longifolia* forest.	„	C 107.	Q 89.	Ditto.
„	Naini Tal Division. *Pinus longifolia* tree tapped for resin, 2nd season, square-cut blaze.	„	C 108.	Q 90.	Ditto.
„	Naini Tal Division. *Pinus longifolia* tree tapped for resin. Appearance of blaze after five years when tapping is completed.	„	C 109.	Q 91.	Ditto.
„	Naini Tal. Chaubattia forest rest house.	R. C. Milward.	D 3.		Appeared in *Indian Forester*, Volume, XXXII, 1906.
„	Naini Tal. Bellekh forest rest house.	F. A. Leete.	D 5.		
„	Naini Tal. Kilberry forest rest house.	E. A. Courthope.	D 10.	S 71.	
„	Naini Tal. Forest path and waterfall in an oak forest.	„	D 11.		
„	Naini Tal. Chaubattia forest bungalow.	„	D 86.	S 57.	
„	Naini Tal. Bhowali, trout hatchery, showing the series of ponds. Received from Allahabad Exhibition, 1910-11.	Basti Ram.	E 46 to 49.	S 173, 193 and V 33, 34.	
„	Naini Tal. Chamba shepherd and flock on march, foot of Himalayas.	W. H. Lovegrove.	G 1.		
„	Naini Tal Division. Floating of fuel, Kosi river, Almora Range. Received from Allahabad Exhibition, 1910-11.	Basti Ram.	D 82, 83, 84 and 85.	S 201, 202, 203 and 204.	

Geographical.

United Provinces—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—contd.	Naini Tal Division. Export of fuel by Dotials. Received from Allahabad Exhibition, 1910-11.	Basti Ram	D 112 and 113.	V 49 and 51.	
,,	Naini Tal Division. A suspension bridge near Ratighat. Received from Allahabad Exhibition, 1910-11.	,,	D 114.	V 56.	
,,	Naini Tal Division. Floating of fuel billets in Kosi River. Received from Allahabad Exhibition, 1910-11.	,,	D 115.	V 60.	
,,	Naini Tal. Chaubattia fruit garden. Received from Allahabad Exhibition, 1910-11.	,,	F 51, 52.	V 38 and 54.	
,,	*Pilibhit Division. Experimental plot No. 1. Bushy growth of *Sál* on fire-protected *Chandar*, Nawadia.	T. B. Chitrakar.	A 190.	T 137.	
,,	*Pilibhit Division. Experimental plot No. 2. Bushy growth of *Sál* on burnt *Chandar* land, Nawadia.	,,	A 191.	T 138.	
,,	*Pilibhit Division. Bushy growth of *Sál* on burnt *Chandar*.	,,	A 192.	T 139.	
,,	*Pilibhit Division. *Sál chandar*, fire-protected on right, burnt on left of road.	,,	A 193.	T 140.	
,,	*Pilibhit Division. *Sál* reproduction springing upon a *Chandar* in the neighbourhood of shelter trees.	,,	A 194.	T 141.	
,,	*Pilibhit Division. Root stock of *Sál* produced on *Chandar* land.	,,	A 195.	T 142.	
,,	*Pilibhit Division. Root stocks of *Sál* produced on *Chandar* land.	,,	A 196.	T 143.	
,,	*Pilibhit Division. Sample plot No. I. *Sál* forest of rather poor type.	,,	A 197.	T 144.	

* Not available for issue at present.

Geographical.	Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—*contd.*	*United Provinces*—contd.	*Pilibhit Division. Poor type of open *Sál* forest. Fireline in foreground.	T. B. Chitrakar.	A 198.	T 145.	
	„	*Pinus excelsa.* Small deodar in middle. (Locality unknown.)		A 285.		
	„	Ramnagar Division. See also under *Garhwal.*				
	„	Ramnagar Division. A timber *parao,* Buxar. Received from Allahabad Exhibition, 1910-11.	Basti Ram.	C 89.	S 185.	
	„	Ramnagar Division. Kunighat bridge on the road between Haldu Parao and Buxar. Received from Allahabad Exhibition, 1910-11.	„	D 108.	S 188.	
	„	Ramnagar Division. Rafting in the River Ramganga. Received from Allahabad Exhibition, 1910-11.	„	D 109.	S 187.	
	„	Ramnagar Division. Temporary bridge on the Ramganga River. Received from Allahabad Exhibition, 1910-11.		D 122.		
	„	*Sál* trees damaged by frost. (Locality unknown.)		A 496.	U 67.	
	„	Siwalik Division. See also under *Dehra Dun.*				
	„	* Siwalik Division. *Stephegyne parvifolia* tree, height 78 feet, girth 27′-6″. Dholkhand.	T. B. Chitrakar.	A 159.	T 125.	
	„	* Siwalik Division. Ranipur. *Butea frondosa* tree pollarded for lac cultivation. [Experimental plot No. 1½(*a*)]; pollard shoots 8 months old.	„	A 344.	T 190.	

* Not available for issue at present.

Geographical. United Provinces—*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—contd.	* Siwalik Division. Young Sissoo plants up to 10 feet high coming up naturally on new alluvial ground in a river bed amongst *munj* grass (*Saccharum Munja* with the tall flowering stems) and *Aristida Cyanantha*, the lower and finer grass in tufts.	R. S. Troup.	A 366.	Q 1.	
„	* Siwalik Division. *Stephegyne parvifolia* tree, height 78′, girth 27′-6″. Dholkhand.	„	A 367.	Q 2.	
„	*Siwalik Division. *Pinus longifolia* associated with broad-leaved species on sandstone rock.	„	A 368.	Q 3.	
„	* Siwalik Division. *Schleichera trijuga* trees, height 45′ (on left) and 35′ (on right), Beribara.	„	A 369.	Q 4.	
„	* Siwalik Division; *Cassia Fistula* in fruit, Beribara.	„	A 370.	Q 5.	
„	* Siwalik Division; *Acacia catechu* tree, girth 10′-6″, height 27′. Dholkhand.	„	A 371.	Q 6.	
„	* Siwalik Division. *Schleichera trijuga*, Beribara.	„	A 374.	S 1.	
„	* Siwalik Division. Effect of the great frost of 1905 on *Sál* poles as seen six years later; Tirsal forest.	T. B. Chitrakar.	A 503.	T 66.	
„	* Siwalik Division. Young *Sál* pole forest mixed with *Sain* and *Sandan*. Sample plot No. 3, Tirsal forest.	„	A 510.	T 73.	
„	* Siwalik Division. Dense natural reproduction of *Sandan*, height about 4 feet. Experimental plot No. 5, Tirsal Forest.	„	A 511.	T 74.	

* Not available for issue at present.

Geographical.	Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—contd.	*United Provinces*—contd.	* Siwalik Division. Dense natural reproduction of *Terminalia tomentosa*, height up to 6 feet with a few plants 8 feet high. Experimental plot No. 4, Tirsal forest.	T. B. Chitrakar.	A 512.	T 75.	
	,,	* Siwalik Division. Saharanpur, hill type of *Sál* forest. *Sál* mixed chiefly with *Buchanania latifolia* (Sample plot No. 4).	,,	A 513 and 514.	T 76, 77.	
	,,	* Siwalik Division. *Albizzia Lebbek* in fruit, Ranipur.	,,	A 515.	T 78.	
	,,	* Siwalik Division. *Butea frondosa* tree pollarded for lac cultivation. (Experimental plot No. 1.) Ranipur.	,,	A 516.	T 79.	
	,,	* Siwalik Division. Effect of fire (2 years previous) on *Pinus longifolia*, trees up to 18 feet in height.	R. S. Troup.	A 517.	Q 64.	
	,,	* Siwalik Division. *Pinus longifolia* on the uppermost crests of the Siwaliks. Altitude about 2,300 ft.	,,	A 518.	Q 65.	
	,,	* Siwalik Division. *Pinus longifolia* forest on the upper crests of the Siwaliks. View from main watershed looking south over Ranipur.	,,	A 519.	Q 66.	
	,,	* Siwalik Division. Reproduction of *Pinus longifolia* mixed with *Sál*, *Buchanania latifolia*, and *Anogeissus latifolia* on the upper ridges of the Siwaliks. Altitude about 2,300 feet.	,,	A 520.	Q 67.	
	,,	* Siwalik Division. Sample plot No. 5. Natural crop of pure *Shisham* on alluvial sand and gravel, Dholkhand.	T. B. Chitrakar.	A 521.	T 80.	

* Not available for issue at present.

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—contd.	* Siwalik Division. Sample plot No. 6; fully-stocked natural forest of *Dalbergia sissoo* and *Acacia catechu* on alluvial sand and gravel, Dholkhand.	T. B. Chitrakar.	A 522.	T 81.	
„	* Siwalik Division. Experimental plot No. 7. Natural reproduction of *Dalbergia sissoo* on alluvial sand and gravel. Average height of trees 10 ft.	„	A 523.	T 82.	
„	* Siwalik Division. Experimental plot No. 8. Alluvial sand and gravel on which seedlings of *Dalbergia sissoo* and *Acacia catechu* are springing up, Dholkhand.	„	A 524.	T 83.	
„	* Siwalik Division. Root system of *Dalbergia sissoo*, showing long lateral roots from which suckers spring, Dholkhand.	„	A 525.	T 84.	
„	* Siwalik Division. *Schleichera trijuga* pollarded for the reception of lac; shoots of one year's growth, Beribara.	R. S. Troup.	C 41.	Q 9.	
„	* Siwalik Division. *Butea frondosa* trees pollarded for the reception of lac; shoots of one year's growth, Ranipur.	„	C 42.	Q 10 and 11.	
„	* Siwalik Division. *Butea frondosa* trees immediately after lopping for cultivation of lac (*cf.* No. C 60), Ranipur.	„	C 59.	S 38.	
„	* Siwalik Division. *Butea frondosa* trees immediately before lopping for cultivation of lac (*cf.* No. C 59), Ranipur.	„	C 60.	S 40.	
„	* Siwalik Division. *Schleichera trijuga* tree lopped for the cultivation of lac, Beribara (*cf.* No. C 62).	„	C 61.	S 37.	

Geographical. United Provinces—*contd.*

* Not available for issue at present.

Geographical.	Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
United Provinces—*concld.*	*United Provinces*—concld.	* Siwalik Division. *Schleichera trijuga* tree immediately before lopping for the cultivation of lac, Beribara (*cf.* No. C 61).	R. S. Troup.	C 62.	S 36.	
	,,	Siwalik Division. View at Dholkhand.		F 40.	V 3.	
	,,	Siwalik Division. *Rau*-bed.		F 41 to 50.	V 4, 5, 6, 9,15,18, 21, 25, 26 and 30.	
	,,	* Siwalik Division. Experimental plot No. 1, sticks of lac on *Butea frondosa* used for starting the experiment.	T. B. Chitrakar.	A 587.	T 150.	
	Forest Research Institute and College, Dehra Dun.†	* *Acacia arabica* artificially raised, seed sown 16th July 1911, plant about three months old, Surajbagh, 15th October 1911.	,,	A 639.	T 209.	
	,,	* *Pinus longifolia* artificially raised, nine months old; Sylvicultural garden.	,,	A 281.	S 46.	
	,,	* *Quercus dilatata*, sown July 1910, seedling nine months old; Sylvicultural garden.	,,	A 282.	S 122.	
	,,	* *Picea Morinda*, sown June 1910, seedling eight months old. Sylvicultural garden.	,,	A 283.	S 123.	
	,,	* *Abies pindrow*, sown July 1910, seedling nine months old. Sylvicultural garden.	,,	A 284.	S 124.	
	,,	* *Albizzia procera*, sown 16th April 1911, seedlings about two months old. Sylvicultural garden.	,,	A 345.	T 191.	
	,,	* *Albizzia Lebbek*, sown 6th March 1911, seedlings about three months old. Sylvicultural garden.	,,	A 346.	T 192.	

* Not available for issue at present.
† Including photographs connected with the old Imperial Forest School, Dehra Dun.

Geographical.

Forest Research Institute and College, Dehra Dun —*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Forest Research Institute and College, Dehra Dun†—contd.	* *Cassia fistula*, sown 6th March 1911, seedlings about two months old. Sylvicultural garden.	T. B. Chitrakar.	A 347.	T 193.	
,,	* *Acacia catechu*, sown 6th March 1911; seedling about three months old. Sylvicultural garden.	,,	A 348.	T 194.	
,,	* *Tectona grandis*, sown 6th March 1911; seedling about two months old. Sylvicultural garden.	,,	A 349.	T 195.	
,,	* *Bombax malabaricum*, artificially raised, seed sown 3rd July 1911, plant about three months old, Surajbagh, 15th October 1911.	,,	A 640.	T 210.	
,,	* *Shorea robusta*, seedlings one year old, Botanical Experimental Garden.	,,	B 77 and 78.	T 199 and 200.	
,,	* *Cordia vestita*, artificially raised, seed sown 11th July 1911, plant about three months old, Surajbagh, 15th October 1911.	,,	A 638.	T 208.	
,,	Fractures in teak specimens tested for breaking strains.	,,	C 19.	T 124.	
,,	* *Dalbergia latifolia*, artificially raised, seed sown 3rd July 1911, seedlings about three months old, Surajbagh, 15th October 1911.	,,	A 635.	T 205.	
,,	* Dehra Dun. One year old *Sál* seedlings, Botanical Experimental Garden, July 1911.	,,	B 79.	T 148.	
,,	* *Xylia dolabriformis*, artificially raised, seed sown 3rd July 1911, plant about three months old, Surajbagh, 15th October 1911.	,,	A 636.	T 206.	

* Not available for issue at present.
† Including photographs connected with the old Imperial Forest School, Dehra Dun.

Geographical.

Forest Research Institute and College, Dehra Dun —*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Forest Research Institute and College, Dehra Dun† —contd.	* *Zizyphus xylopyra*, artificially raised, seed sown 3rd July 1911, plant about three months old, Surajbagh, 15th October 1911.	T. B. Chitrakar.	A 637.	T 207.	
,,	Specimens of split woods .	R. S. Troup.	C 37 and 38.	S 118 and 119.	Appeared in Ind. For. Rec. Vol. II, Pt. II. Troup—*Note on the Fissibility of some Indian Woods.*
,,	Specimens of Andaman marblewood (*Diospyros Kurzii*).	R. S. Troup.	C 39 and 40.	S 120 and 121.	Appeared in For. Pamph. No. 7, For. Econ. Ser, No. 2. Troup—*Note on Andaman Marblewood or Zebrawood.*
,,	Young silver fir with the terminal portion of the new shoots killed by the weevil *Polydrorsus.*		E 41.	S 125.	Appeared in Stebbing's *Insect Pests of the Himalayan Coniferæ*, Pt. I.
,,	Deodar sapling defoliated by *Geomita.*		E 42.	S 126.	Ditto.
,,	Deodar pole forest defoliated by *Geomita.*		E 43 and 44.	S 127 and 128.	Ditto.
,,	Group taken in 1882, Major Bailey, Messrs. Duthie, K. N. Mukerji, Fisher, Fernandez, R. Thompson, E. Litchfield, and Brown.		H 3.		
,,	Group; Messrs. E. Litchfield, Smythies, Fisher, Bailey, Fernandez, Hearle, and Brown.		H 4.		

* Not available for issue at present.

† Including photographs connected with the old Imperial Forest School, Dehra Dun.

Geographical.

Forest Research Institute and College, Dehra Dun —*contd.*

Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
*Forest Research Institute and College, Dehra Dun**—contd.	Group; Colonel Campbell, Messrs. Brown, Pinder, Fernandez, Fisher, Reynolds, Smythies.		H 5.		
,,	Forest Conference, 1886 .		H 8.		
,,	Forest School about 1884 .		H 9.		
,,	Group 1888. Messrs. A. Smythies, E. Litchfield, J. Martin, Reynolds, Fisher, Fernandez, Mercer and Warth.	Thomas Martin.	H 10.		
,,	School group 1896, 1897 and 1898.	F. Gleadow.	H 11 to 13.	U 56.	
,,	Board of Control, Forest School, 1898.		H 14.		
,,	Forest School group, 1889.		H 15.		
,,	Forest School Staff, 1890 .	Thomas Martin.	H 16.		
,,	Board of Control and School Officers, 1904.	Penchelu Reddi.	H 19 and 20.		
,,	Forest School Officers, etc., about 1896.		H 23.	U 58.	
,,	Forest School group, 1899, 1900 and 1901.		H 22, 24, 25 and 26.	U 57, 70, 68, and 71.	
,,	Forest School, Senior class, 1900-01.		H 27.	U 72.	
,,	Forest School, Board of Control, etc., about 1899 and 1900.		H 28 to 30.	U 73 to 75.	
,,	Group; Messrs. H. C. Hill, F. B. Manson, and two others.		H 31 and 32.	U 76 and 77.	
,,	Forest School group about 1899.		H 33.	U 78	
,,	Forest School, Board of Control group about 1899-1901.		H 34 and 35.	U 79 and 69.	

* Including photographs connected with the old Imperial Forest School, Dehra Dun

Geographical.	Index title.	Subject.	Photographer's name.	Print No.	Negative No.	Remarks.
Forest Research Institute and College, Dehra Dun —concld.	*Forest Research Institute and College, Dehra Dun**—concld.	Dehra Dun Mounted Rifles 1900; officers and N. C. Os.		H 36.	U 86.	
	„	Group in camp of Dehra Dun Mounted Rifles about 1900.		H 37.	U 87.	
	„	School Board of Control group about 1899.		H 38.	U 88.	
	„	Surajbagh building . .	T. B. Chitrakar.	D 168.	T 182.	
	„	Forest College . . .	Penchelu Reddi.	D 153.		
	„	Forest School students' quarters, 1894.	„	D 154.		
	„	Forest College, April 1910 .	T. B. Chitrakar.	D 155 and 156.	T 32 and 33.	
	„	Forest College, students' quarters. April 1910.	„	D 157.	T 34.	
	„	Forest College Hospital, April 1910.	„	D 158.	T 38.	
	„	Principal's office . .	„	D 159.	T 35.	Appeared in *Indian Forester*, Volume XXXVI, 1910.
	„	Chandbagh office building. April 1910.	„	D 164.	T 39.	
	„	Principal's house. April 1910.	„	D 167.	T 36.	
	„	Chandbagh Cottage. April 1910.	„	D 165.	T 40.	
	„	The Chestnuts. April 1910	„	D 166.	T 41.	
	„	Instructor's house. April 1910.	„	D 160.	T 73.	
	„	Forest College; students' quarters.	„	D 161.	V 2.	
	„	Forest College . . .	..	D 162, D 163.	V 1, U 55.	

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